Important Instructions

- Review this listing of available internships and determine which you are qualified for.

- Prepare your resume and write a cover letter for each internship that specifically addresses the requirements.

- Make sure your name and contact information are clearly listed on both your resume and cover letter.

- Put in the subject line “SDSU Engineering Internship Program” and submit your resume and cover letter to the contact person for each internship you are qualified for.

- Do not spam the entire internship list with one generic resume and cover letter as you will be rejected.

- Once each company has reviewed your resume, it is at their discretion to call you in for an interview.

- Please note the College of Engineering only connects students with internships and does not recommend students, negotiate contracts, or provide academic credit for participating in internships.
How to prepare for the day of the interview?

- Prior to your interview, visit Career Services (SSW-1200), to obtain some interviewing tips and possibly conduct a mock interview.

- If you are invited to interview, take the time to review the internship posting and requirements again so that you can prepare for questions that might be asked of you.

- Remember to dress professionally at the time of your interview, as first impressions do count.

- If you are a member of a major professional organization, (ASCE, AIAA, ASME, IEEE, etc.) wear their pin on your lapel.
Interview Follow Ups

- Write individual thank you emails to each person who interviewed you -- within three business days. Don’t ever fail to send a thank you even if you are sure the job is not for you.

- Alert your references -- if you have not done so already -- that they may be getting a phone call from the employer.

- Follow-up with a telephone call to the employer within a week to ten days (or sooner, if the employer had a shorter timetable) to ask about the position.

- After that, be patient. The hiring process often takes longer than the employer expects.
CIVIL
ENGINEERING
Don’t Forget

- An individual resume and cover letter is required for each internship.

- Be sure to clearly address the requirements of each internship in your cover letter.

- Put in the subject line “SDSU Engineering Internship Program”.

- If you secure the internship or are informed that the position is no longer available, please inform Donovan Geiger in E-200A or at dgeiger@mail.sdsu.edu.
San Diego County Water Authority
Engineering Student Intern
$13.00 per hour
Temporary Engineering Student Intern to support professional and technical staff in a variety of civil engineering areas. Intern will work under the immediate supervision and may perform engineering, cartographic, and drafting work of moderate difficulty
Candidates must be enrolled full-time and be at a Junior or Senior class level. Student needs to be recommended for internship by a current faculty member or advisor. Need experience using Windows, Excel, Word, AutoCad, or other comparable computer software
Company is located off of the 15 freeway, approximately 10-15 minutes from SDSU. Please go to SDCWA.ORG to apply.
City of San Marcos, Development Services
Civil Engineering Intern
$ wage depends on experience
Perform traffic counts, studies, plan checks, research, CAD work, compose GIS data, and assisting engineering officials and the public
Some coursework completed in civil, transportation, and/or environmental engineering is preferred
Must be US citizen and have CA driver’s license
Company is located in San Marcos, approx. 30 minutes from SDSU.
Contact is Isaac Etchamendy: ietchamendy@san-marcos.net
• San Diego County, Dept. Public Works
• Student Intern
• $13.00 – 15.80 per hour
• Positions available in Engineering Services:
  ◦ 1. Construction Engineering – Assist a resident engineer on project sites and with contract admin
  ◦ 2. Capital Improvement – Assist with project management, design, and contracting on infrastructure projects
• Positions available in Transportation:
  ◦ 1. Field Operations – Assist with developing road maintenance and culvert contracts
  ◦ 2. Transportation Engineering – Assist with completing traffic and safety studies
• Company is located 10 minutes from SDSU in Kearny Mesa. Contact is Araceli Angulo: Araceli.Angulo@sdcounty.ca.gov
• Black & Veatch  
• Civil Engineering Intern  
• $ to be determined  
• Develop, evaluate, and design specifications and contract drawings  
• Support engineering analyses, report production, and designs, and prepare basic calculations  
• Schedule project deliverables  
• Analyze systems utilizing computer modeling  
• Must have at least 2.75 cumulative GPA  
• Company is located 30 minutes from SDSU in San Marcos. Contact is Stacy Walker: walkers@bv.com
Sampo Engineering

Civil Engineering Intern

$15.00 per hour

Civil Engineering & Land Surveying firm located in Encinitas seeking self-motivated & responsible individual to assist with land development and public works projects

Tasks will include assisting civil engineers, civil engineering drafting, light design and field survey assistant/rodperson

Must be at least a junior with strong AutoCAD drafting skills. Survey experience a plus

The selected intern will be asked to work 'on-call' for an estimated 10-20 hours per week

Contact is Vince Sampo: vince@sampoengineering.com
Helix Water District

Engineering Intern

$12.35 - $16.47 per hour

To perform and support routine technical engineering tasks in the planning, design and right-of-way sections, including operation of the CADD system; reproduce drawings on various reproduction machines; research record drawings; review plans and specifications; water system planning; easement and encroachment analysis; cost estimates; field work; and perform other related engineering duties as directed. Engineering majors desired: Civil, Environmental, Mechanical, Construction.

Please Note: District application is required. Please go to www.hwd.com to complete the application and driving record questionnaire.
COMPUTER ENGINEERING
Don’t Forget

- An individual resume and cover letter is required for each internship.
- Be sure to clearly address the requirements of each internship in your cover letter.
- Put in the subject line “SDSU Engineering Internship Program.”
- If you secure the internship or are informed that the position is no longer available, please inform Donovan Geiger in E-200A or at dgeiger@mail.sdsu.edu.
Chatmeter
Software Development Intern (Java/PHP)
$ Depends on Experience
Enthusiastic and intelligent programmer needed to help out create new applications and services for a new startup in the area of local search and online marketing
Manage software development, QA, and programming, including enhancing APIs, updating and optimizing MySQL queries as well as PHP web interface
Proficiency in Javascript (AJAX), CSS, DHTML, XHTML, XML required
Located about 15 minutes from SDSU in San Diego
Contact is Collin Holmes: cholmes@chatmeter.com
Atlantis Marketing LLC

Computer Programmer

$12.00 – $15.00 per hour

Atlantis Marketing is an SEO firm specializing in the acquisition of distressed websites for redevelopment and sale.

Seeking a computer programmer who is skilled with dynamic programming (specifically php) and has an interest in developing a number of websites with our team. Experience with joomla or other shopping cart software is a plus. Familiarity with cascading style sheets and web development is a requirement.

Company is located 15 minutes from SDSU in Pacific Beach

Contact is Mark Alford: mark.alford@atlantismarketing.net
**Advanced Coherent Technologies**

- Research Analyst
- $15 per hour
- Research projects administered by the Department of Defense that focus on multi-channel optical imaging systems and their remote sensing capabilities
- Provide data analysis on image data and develop code exploiting general knowledge of physical processes relating to spectroscopy, hydrologic optics, physical oceanography and coastal processes. Have a working knowledge of C++. Image processing and data analysis experience using MatLab and/or ENVI image processing environments is a plus.
- Located about 10 minutes from SDSU in Pacific Beach
- Contact is Cynthia Boucher: jobs@advanced-coherent.com
Sonant Corp
Computer Engineering Intern
$12.00 – 18.00 per hour
Work as software developer for an imbedded computer
Computer will be programmed in C using CodeWarrier, a Windows cross-development platform based on Eclipse
Target will use an ARM-SOC microcomputer running MQX
Must be proficient in C and understand real-time computer concepts, microcomputer datasheets, and programming on-board peripherals (USART, SPI, ADC, DAC, GPIO)
Company is located 15 minutes from SDSU in Mira Mesa.
Contact is Murray Judy: mjudy@sonant.com
IPI Technologies
Software and Hardware Quality Assurance Tester
$10.00 per hour

We are an early stage company in the process of completing a complex application that embraces the world wide web, RF, GPS and Cellular technologies. We are looking for a few people to help us formulate a test plan and help test the products to get them ready for completion. This could be an exciting opportunity for somebody interested in user applications involving a multitude of platforms. The company has an aggressive growth plan and this could lead to a full time opportunity.

Company is located 20 minutes from SDSU in Del Mar.

Contact is Clive Barwin: clivebarwin@ipitechnologies.com
• **Blast Motion Inc**
• Software Programmer
• $10.00 – $20.00 per hour
• 3D workspace, modeling, algorithm and application code programming
• Experience with Android and iPhone, Java and C application code programming
• Knowledge of Windows, Mac OS, Linux, Android, and iOS development environments
• Programming experience in 3D modeling tools, Java, C, and mobile devices is required
• Strong analytical problem solving skills with the ability to work in a team environment is a must
• Contact is Marni Bentley: marni@blastmotion.com
• ADTC, Inc
• Website Designer
• Equity position with potential for full-time position
• We search for a motivated, entrepreneurial Website Designer with interests in astronomy and astronomical observation. We will be adding significant functionality going forward so you will have the opportunity to shape the products direction
• Website Designer will design and develop ADTC’s investor / manufacturing web site, landing pages, emails, including interactive design. The Designer will also create landing pages and email templates and work with the Director of Client Experience on product-related issues.
• Web design and web development knowledge of investor interests and manufacturing requirements would be a plus
• Contact is Human Resources at: ldr2k@yahoo.com
- County of San Diego – Assessor’s Office
- GIS Intern and Database Development Intern
- Pay: To be determined
- GIS Intern: Assist in reviewing and updating the Zone Codes within the County's property tax system (Nucleus ADABAS platform), as it relates to the Assessor's Office.
- The Database Development Intern: Assist in developing a comprehensive factored base year value (FBYV) database (as defined by Prop 13 for all secured real property parcels); and assist in developing data cleansing business rules.
- Web design and web development knowledge of investor interests and manufacturing requirements would be a plus
- Company is located 10 minutes from SDSU in San Diego
- Contact is Isabel Gomez: Isabel.Gomez@sdcounty.ca.gov
• Awarepoint
• Engineering Research Intern
• Pay: To be determined
• We are looking for a student who can help us implement a cutting edge real time location system prototype using an emerging technology
• Be responsible for the entire research cycle which includes embedded software and user interface software development, system bring-up, and demo test under the Awarepoint guidance
• The output of the project is a fully functional system to demonstrate the real time location system performance
• Contact is Wei Geng: wgeng@awarepoint.com
- Ziftit, Inc
- Software Engineer (6 positions available)
- Pay: $10-20 per hour
- Assist in development of php based business logic using Expressionengine CMS/Codeigniter framework
- Assist in development of MySQL database tables/queries
- Assist in development and maintenance html/css, testing and deployment of scripts, QA, and load testing
- Contact is Spence Mallder: spence.mallder@ziftit.com
- Company is located in San Diego, about 15min from SDSU
Don’t Forget

- An individual resume and cover letter is required for each internship.
- Be sure to clearly address the requirements of each internship in your cover letter.
- Put in the subject line “SDSU Engineering Internship Program.”
- If you secure the internship or are informed that the position is no longer available, please inform Donovan Geiger in E-200A or at dgeiger@mail.sdsu.edu.
American Asphalt and Concrete, Inc
Intern Engineer (2 positions available)
$10-15 per hour, DOE
Perform project management, cost estimations, research, and other duties as assigned by the vice president
Some experience with CAD and reading blueprints is preferred
Company is located approximately 30 minutes from SDSU in Spring Valley
Contact is Greg Tyner: greg@americanasphaltandconcrete.com
San Diego County, Dept. Public Works
Student Intern
$ 13.00 – 15.80 per hour

Positions available in Engineering Services:
  ◦ 1. Construction Engineering – Assist a resident engineer on project sites and with contract admin
  ◦ 2. Capital Improvement – Assist with project management, design, and contracting on infrastructure projects

Positions available in Transportation:
  ◦ 1. Field Operations – Assist with developing road maintenance and culvert contracts
  ◦ 2. Transportation Engineering – Assist with completing traffic and safety studies

Company is located 10 minutes from SDSU in Kearny Mesa.

Contact is Araceli Angulo: Araceli.Angulo@sdcounty.ca.gov
Accurate Engineering
Project Assistant
$ 12.00 per hour
Assist project managers and project coordinators with various administrative tasks. All assignments are within the office, not on construction sites.
Company is located 10 minutes from SDSU in San Diego.
Contact is Aldrica Lattimore: alattimore@accurateengineeringics.com
- Helix Water District
- Engineering Intern
- $12.35 - $16.47 per hour
- To perform and support routine technical engineering tasks in the planning, design and right-of-way sections, including operation of the CADD system; reproduce drawings on various reproduction machines; research record drawings; review plans and specifications; water system planning; easement and encroachment analysis; cost estimates; field work; and perform other related engineering duties as directed. Engineering majors desired: Civil, Environmental, Mechanical, Construction.
- Please Note: District application is required. Please go to www.hwd.com to complete the application and driving record questionnaire.
ELECTRICAL ENGINEERING
Don’t Forget

- An individual resume *and* cover letter is required for each internship

- Be sure to clearly address the requirements of each internship in your cover letter

- Put in the subject line “SDSU Engineering Internship Program”

- If you secure the internship or are informed that the position is no longer available, please inform Donovan Geiger in E-200A or at dgeiger@mail.sdsu.edu
• Clear Channel San Diego
• Engineering Intern
• $16.83 per hour
• Entry-level engineering position for the planning, construction, maintenance, and repair of radio studio and transmitter facilities
• Intern should have interest in RF communications and audio systems engineering
• Preference given to EE juniors or above
• Located 10 minutes from SDSU in San Diego
• Contact is John Rigg: johnriigg@clearchannel.com
• Sloan Electrical
• Engineering Intern
• $15 per hour
• Sloan services multi-generational equipment used for pumping, air handling and material handling used in the municipal, industrial and commercial industries
• Knowledge in the following areas desirable: Motor and Process Control equipment: for motors ranging from 2HP to 500 at 480 volts, starters, relays, programmable relays, programmable logic controllers (PLCs), human machine interface (HMIs) panels, variable frequency drives (VFDs). Vibration analysis, control circuit analysis and design, power distribution, electrical testing and results analysis, hydraulics, and mechanical processes.
• Must know Microsoft Office and be willing to learn Visio drawing
• Located 10 minutes from SDSU in San Diego
• Contact is Jerry Gray: jgray@sloanelectric.com
• CarrierComm

• Verification Engineering Intern

• $10-20 per hour depending on experience

• Gain real-world experience in a specific area of study working in a fast-paced, professional setting

• Tasks include setup and configuration of wireless radio communications and related test equipment, performing testing and maintaining documentation of testing performed

• Located 40 minutes from SDSU in Encinitas

• Contact is Andrew Hegarty: AHegarty@CarrierComm.com
- Lopez Engineering
- Tech Support
- $10.00 per hour
- Drafting and Design Support, Deadline and Project Management, Archiving and Organization of Drawings/Projects, Meetings, Calendars and PM Support, Meeting with Admin Team (HR, Finance, Marketing and Contracts/Proposals) on various company projects and initiatives
- Looking for student with experience in engineering, organization, and overall office management
- Located about 15 minutes from SDSU in San Diego
- Contact is Ashleigh Gureczny: AGureczny@LopezEngineering.com
- Pyron Solar
- R&D Lab Assistant
- $ To be determined
- Intern with a solar research and development team
- Perform testing cutting edge concentrating solar photovoltaic systems
- Should have some coursework completed in solar energy conversion, radiation (transmission, reflection, absorption), CPV analysis/calculations, solar cell thermal degeneration, solar power conversion, solar photovoltaic semiconductor (solid-state) physics, and IV curve analysis
- Located about 40 minutes from SDSU in Vista
- Contact is Human Resources: srosenthal@pyronsolar.com
Talon Communications
Electronics Engineer
$12.00 per hour
Schematic capture, select minor components, PCB layout, order parts, obtain quotes for fab and assembly, oversee assembly process, debug PCB's, and perform testing cutting edge concentrating solar photovoltaic systems
Located about 15 minutes from SDSU in Scripps Ranch
Contact is Scott McDermaid: scott.mcdermaid@taloncom.com
California Southwest Electric, Inc
Engineering Support
$20.00-25.00 per hour
Provide Data Center Operations and infrastructure support for 3rd shift and weekend coverage
Monitor equipment in a critical environment, record periodic readings of specified equipment, respond to SCADA generated alarm notifications, report condition and status of Data Center systems to responding personnel
Company Located about 5 minutes from SDSU in La Mesa
Contact is Michael Willis: cse_1@cox.net
Electro-Mariner
Electrical Circuit Designer $15.00 per hour
Two interns are required for the design of circuits that will control a very high current, 48 Volt D.C. Brushless Motor and will provide onboard diagnostics, management and communication capability for the entire energy storage and propulsion system to be introduced on next generation, all electric boats and other vehicles. Specific design capabilities include both analog and digital circuit design and wireless communication
Company Located about 15 minutes from SDSU in Sorrento Valley
Contact is David Ferran: dferran@noblemengroup.com
Electric Bicycle Development Internship

Opportunity:
Looking for a hard charging intern that wants to be part of the ground floor start up of an electric bicycle company and a legacy brushless motor manufacturer. This intern would get experience designing and integrating drive systems for both prototype electric bicycles as well as provide support for an existing UAV power systems product line. They would get hands on experience working CNC equipment, programming motor controllers, and designing components.

Qualifications:
The ideal candidate should have a passion and interest in brushless drive systems, motor controllers, and lithium polymer battery integration as well as bicycles. The intern should be relatively proficient in programming in basic and C++. Understands IC circuits and basic controller principles. The intern should be able to program simple switches, hall sensor-rpm counting, voltage cutout, and other proportional signals to sensor inputs. They should have some mechanical aptitude being able to assemble small bicycle components.

Neutronics / Ellsworth/ XEN Drive Inc

Hours: 2-6 hours per day with a flexible work schedule.
Salary: $10.00 per hour
Contact: Art Koral
art@xendrives.com
760-807-8136
Fluid Sound
Audio Visual Design Engineer Intern
$ 10.00 - $20.00 per hour

Fluid Sound is a commercial audiovisual systems design and integration company looking for a Audiovisual Design Engineer Intern. The role of the Design Engineer it to provide technical systems engineering, documentation, and technical leadership throughout the project life cycle.

Typical Audiovisual Design Engineer duties include:

• Interface with the sales team and clients.
• Assist the sales team with development of project scope of work statements.
• Develop project sales documentation including conceptual single line drawings and layouts for sales team proposals and templates.
• Research system solutions and provide all technical system engineering.
• Develop project documentation including submittals, system point to point schematics, CAD construction drawings and details, and AS-BUILT and other project close out documentation.
• Draft system operation manuals and technical instructions.
• Support field installation teams including system commissioning and testing.
• Assist in shop testing and performance documentation.
• Provide customer technical support as needed.
• Continued advancement of audiovisual industry specific knowledge and industry certification

Qualifications:

• Excellent written and verbal communication skills with professional demeanor
• Proficient with AutoCAD, MS VISIO, MS Word, MS Excell, MS Outlook
• Ability to work independently and maintain a self imposed schedule
• Clean driving record

Visit our website at www.fluidsound.biz for more information about our company.
Contact is Mark Waterman: mark@fluidsound.biz
Don’t Forget

- An individual resume and cover letter is required for each internship

- Be sure to clearly address the requirements of each internship in your cover letter

- Put in the subject line “SDSU Engineering Internship Program”

- If you secure the internship or are informed that the position is no longer available, please inform Donovan Geiger in E-200A or at dgeiger@mail.sdsu.edu
• Clean Energy Principles
• Intern Research Associate
• $9.50 per hour
• Focus on the current power grid (generation, transmission, distribution), smart technologies, wind generation (technology, development, economics) and renewable integration
• Strong emphasis on researching financial and market activity data, monitoring news, reviewing reports and documenting company activity
• Internship provides a unique chance to build knowledge of the most up-to-date developments in the clean technology space
• Company is located in La Jolla
• Contact is Holli Garrett: hgarrett@cleanenergyprinciples.com
- Pyron Solar
- R&D Lab Assistant
- $ To be determined
- Intern with a solar research and development team
- Perform testing cutting edge concentrating solar photovoltaic systems
- Should have some coursework completed in solar energy conversion, radiation (transmission, reflection, absorption), CPV analysis/calculations, solar cell thermal degeneration, solar power conversion, solar photovoltaic semiconductor (solid-state) physics, and IV curve analysis
- Located about 40 minutes from SDSU in Vista
- Contact is Human Resources: srosenthal@pyronsolar.com
Don’t Forget

- An individual resume and cover letter is required for each internship.
- Be sure to clearly address the requirements of each internship in your cover letter.
- Put in the subject line “SDSU Engineering Internship Program”.
- If you secure the internship or are informed that the position is no longer available, please inform Donovan Geiger in E-200A or at dgeiger@mail.sdsu.edu.
- MACTEC Engineering
- Mechanical Engineering Intern
- $15 per hour
- Assist with calculations, report preparation, and data entry for commercial and federal energy audits
- Must have fundamental engineering knowledge, excellent communication skills, and know MS Word and Excel
- Knowledge of basic building systems (HVAC, plumbing, and lighting) is desirable
- Company is located 10 minutes from SDSU in Kearny Mesa and the contact is Molly Mapes: mmapes@mactec.com
L&T Precision Corporation
Mechanical Engineering Intern
$11 per hour
Standardize Internal Drawings and Manufacturing Plans
Review customers’ requirements from drawings, CAD models and other specifications and translate them into internal standard drawings and planning
Must have taken advanced level of mechanical drafting courses, experience with CAD software, able to interpret mechanical blueprints, understand GD&T specifications.
Company is located 20 minutes from SDSU in Poway and the contact is Leslie Osterman: leslieo@ltprecision.com
Tech M3, Inc. (PureForge)
Technical Drawing Intern
$ Depending on experience
Student with CADCAM, SolidWorks, or similar software experience.
Draftsman experience preferred, with ability to “pull dimensions” or duplicate parts to specific drawings.
Experience in mechanical and electrical machines preferred.
Company is located 30 minutes from SDSU in Vista and the contact is Nathan Meckel: nkmeckel@techm3.com
- **MRV Systems**
- Engineering Intern
- $15.00 per hour
- MRV Systems produces neutrally buoyant, autonomous oceanographic profiling vehicles
- Provide Production/Manufacturing/Engineering support to include Electronic, mechanical assembly and lab organization, software install, and burn-in; website maintenance
- Must have completed your sophomore year in an Engineering discipline and be available to work 10-15 hours/week on-site at our Sorrento Valley site
- Contact is Terri Durbin: terrid@mrvsys.com
Helix Water District
Engineering Intern
$12.35 - $16.47 per hour
To perform and support routine technical engineering tasks in the planning, design and right-of-way sections, including operation of the CADD system; reproduce drawings on various reproduction machines; research record drawings; review plans and specifications; water system planning; easement and encroachment analysis; cost estimates; field work; and perform other related engineering duties as directed. Engineering majors desired: Civil, Environmental, Mechanical, Construction.

Please Note: District application is required. Please go to www.hwd.com to complete the application and driving record questionnaire.
Lopez Engineering
Tech Support
$10.00 per hour
Drafting and Design Support, Deadline and Project Management, Archiving and Organization of Drawings/Projects, Meetings, Calendars and PM Support, Meeting with Admin Team (HR, Finance, Marketing and Contracts/Proposals) on various company projects and initiatives
Looking for student with experience in engineering, organization, and overall office management
Located about 15 minutes from SDSU in San Diego
Contact is Ashleigh Gureczny: AGureczny@LopezEngineering.com
Gondola Skate Moving Systems Inc. &
Frank Cozza, Architect
Pro-E / Solid Works Technician
$12.00 per hour
Various industrial design projects and currently designing many new products
Located about 15 minutes from SDSU in Santee
Contact is Kevin Ward: Kevin@cozzainc.com
Energywise Engineering Technical Consulting

Energy Auditing Trainee (2 positions)

$10.00 per hour

Hands-on comprehensive audits training on building energy efficiency

Train on active projects consisting of commercial offices, educational buildings, and other mixed use facilities

Knowledge of MS Word and Excel (high level) a must

Knowledge of DOE 2.2 based energy simulation software (eQuest, EnergyPro, EnergyPlus) desirable

Must have own transportation for local audit sites

Contact is George Odero: godero@goreadusa.org
TEO

Intern Technical Assistant R&D

$8.00 per hour (Min wage to begin, increase based on skills learned and productivity - it is expected that candidate will be primarily learning in the initial months)

Developing food sterilizing system that involves high power microwave systems, machine automation/material handling (Allen Bradley controls), CAD modeling in Solidworks, Pressure vessels, food science, mathematical modeling (RF heating patterns and thermal conductivity) and some good old fashioned wrenching on a very cool machine (patents granted and pending)

Candidate would also gain insight into what is involved in starting up a tech venture.

Learn and be productive to the project and pay will be increased, initial work will be very part time likely one day a week. Flexible on schedule (school is the priority). There are many aspects of the system to be completed, this is hands on invention with challenges to be solved.

Candidate would be working directly with the CEO.

Contact is Jeffrey H. Mackay: jeff@teofoods.com
Electric Bicycle Development Internship

Opportunity:
Looking for a hard charging intern that wants to be part of the ground floor start up of an electric bicycle company and a legacy brushless motor manufacturer. This intern would get experience designing and integrating drive systems for both prototype electric bicycles as well as provide support for an existing UAV power systems product line. They would get hands on experience working CNC equipment, programming motor controllers, and designing components.

Qualifications:
The ideal candidate should have a passion and interest in brushless drive systems, motor controllers, and lithium polymer battery integration as well as bicycles. The intern should be relatively proficient in programming in basic and C++. Understands IC circuits and basic controller principles. The intern should be able to program simple switches, hall sensor-rpm counting, voltage cutout, and other proportional signals to sensor inputs. They should have some mechanical aptitude being able to assemble small bicycle components.

Neutronics / Ellsworth/ XEN Drive Inc

Hours: 2-6 hours per day with a flexible work schedule.
Salary: $10.00 per hour
Contact: Art Koral
art@xendrives.com
760-807-8136
Bear in mind that the wonderful things you learn in your schools are the work of many generations. All this is put in your hands as your inheritance in order that you may receive it, honor it, add to it, and one day faithfully hand it on to your children.

~ Albert Einstein
Thank you for taking the time to review the Engineering internship listing.

We wish you well in your efforts to secure an internship.

If you have any questions, feel free to see Donovan Geiger in E-200A or call 619-594-6079.