Aravind Sridhar

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Goal

Seeking an entry level **computer programming position** excercising my knowledge of either/both computer software or hardware. I would value applying my electrical engineering skills as well.
My strengths include:

- Work comfortable and efficiently in team enviroments
- Quick at learning and applying new concepts
- Strong problem solving skills with solid computer hardware and software backgrounds

Education

University of California San Diego June 2017
Bachelors Degree: Computer Engineering
Cumulative GPA: 3.202

Profesional Experience

UCSD Radiology - Position: **RF Engineering Research Intern** - San Diego June – Present

- Advancing MRI coil reearch at UCSD musculoskeletal imaging group under Dr. Christine Chung and Ph.D advisor Won Bae
- Also working with General Electric senior engineer, Eddy Boskamp developing new types of coil designs

Quantum Labs - Position: **Intern** – San Jose Aug-Sept 2014

- Developed GUI interface for a newly acquired laser trimmer using PASCAL
- Helped set up a programmable high pulsed power supply for use in a fabrication lab

Nanoshift - Position: **Intern** - Emeryville Aug-Sept 2013

- Shadowed laboratory personnel in the UC Berkeley Nano lab
- Compiled report on top companies, emerging technologies, and up-to-date processes in related fields

Computer Engineering

- Object Oriented Design, Data Structures, Algorithm Design and Analysis, Functional Programming, Website and Application Development, FPGA and ASIC hardware design, Agile Methods, Computer Architecture, Operating Systems, Team Project Design
- Languages: Java, C++, HTML, CSS, VHDL, Ocaml, Scala, Verilog – Eager to learn more
- Linux Environment, Quartus, ModelSim, Visual Studio Code, Android Studio, GIT, MATLAB

Electrical Engineering

- Linear Electronic Systems, Signals and Systems, Second Order Systems
- Basic Circuit Design, Power Systems, and RF understanding
- Pspice, ORCAD, Psim, ADS, HFFS, Soldering

Projects

Brachial Plexis Flexible Coil

- Assisting the development of prototypes and housings for new MRI technologies
- Working with a team to publish an academic paper on this advancement in the medical field

Academic Conection of Engineers

- Website Developer: ace.ucsd.edu

aravindsridhar66.github.io

- My website and blog!