Gokul Suresh

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EDUCATION

B.S. Mathematics - Computer Science   2015 - 2019 (Expected)
University of California, San Diego
3.90/4.00 GPA
Provost Honors (Fall 2015, Winter 2016, Spring 2016)

Relevant Coursework: Introduction to Computer Science, Basic Data Structures and Object-Oriented Design, Discrete Mathematics, Software Tools and Techniques Laboratory

TECHNOLOGY SKILLS

Programming Languages: Java, C++, C, Python
Operating Systems: Linux, Mac OSX, Windows
Frameworks/Tools: Git, SDL2, Vim, SQLite

EXPERIENCE

Engineering Intern   July 2014 - August 2014
Orion Test Systems and Automation - Auburn Hills, MI

- Worked on the assembly and wiring of discrete components for signal and load chassis for the latest generation of automotive Engine Controller Units (ECU) testers.
- Configured and installed National Instrument I/O cards, NI-DAQ software, and Agilent data logger software into industrial computers.
- Developed intricate skills from hands on experience involving soldering circuits.

Software Engineering Intern   July 2015 - August 2015
Tyfone Communications - Bangalore, India

- Used SQLite to implement a database on the android application that was being developed.
- Worked with the Google Maps API and implemented an XML parser on the android operating system.
- Worked on the login and home page for the Android Application, utilizing shared preferences in Android.

PROJECTS

Chip 8 Emulator
Created a Chip 8 Emulator using C++ and the SDL2 library to handle graphics.

HACKATHONS

SD Hacks   September 2015
Part of a team that modified a Mattel Mindflex device and used it to monitor EEG values to control a game of pong on an Arduino connected to an LCD touch screen.