Stephen Clark

4934 Montessa Street
San Diego, CA 92124
sclark@linux.com
http://sclark.io

OBJECTIVE

To obtain an internship opportunity where my strong technical and analytical skills can contribute to a team environment focused on solving complex problems utilizing scientific research and engineering principles.

EDUCATION

Carnegie Mellon University School of Computer Science — Class of 2019
La Jolla Country Day School (Since 2001) — Class of 2015

ACADEMIC AWARDS

- Cum Laude Society Member — 2015
- San Diego CodeDay: Awarded Top Overall Application — 2015
- San Diego Air & Space Museum: Jennings Kelly Scarborough Scholarship — 2015
- La Jolla Country Day School: Don Ing's Engineering Scholarship Award — 2014
- Rensselaer Polytechnic Institute Engineering Award — 2014

SKILLS

- Programming: Java, Android, Python, Node.js, C, FORTRAN 90/5, Arduino, RobotC, AVR
- Web and Typesetting: PHP, MySQL, HTML/CSS, Javascript, LaTeX
- GNU+Linux: CentOS, RedHat, Fedora, RaspberryPi, bash, ssh, git
- Certifications: Oracle Certified Associate - Java SE 7 Programmer

EXPERIENCE / ACTIVITIES

- Measurabl Inc. - Software Intern — 2015
  Developed weather normalization regression models and map division routines for a sustainability focused start-up company. Responsible for automating the process of detecting outliers in utility data saving valuable man-hours. I helped implement these regression models and map routines into the Measurabl web application.
- Carnegie Mellon University - Pre-College Program — 2014
  Attended summer semester at Carnegie Mellon University. Classes included Imperative Computations and Data Structures. I was successful in accumulating 20 college credits as a high school student, and was highly recommended for admissions into the undergraduate program.
- University California San Diego - Supercomputer Center - Research Intern — 2013
  Responsible for developing a benchmarking script to track improvements made to the AMBER MD software application. Developed software code responsible for extending capabilities of AMBER MD integration with QChem, a quantum chemistry program used to rapidly model molecular structures.
- La Jolla Country Day School Robotics Team - Principle Programmer — 2007 - 2015
  Provided leadership for award winning robotics. Responsible for Electrical / Mechanical Assembly, Programming instructions and leading robot technology discussions for underclassmen. Responsibilities included developing software strategies and incorporating them during competitions.
- La Jolla Country Day School Cyber Patriot Team - UNIX Systems — 2012 - 2015
  Senior team member, responsible for identifying and securing network vulnerabilities, in simulated corporate and governmental network competition events. Every year we qualify in the San Diego County Mayors Cup competition.
- Pacific Nautilus Autonomous Robotics - Team Member — 2013 - 2014
  Responsible for programming Arduino and Raspberry Pi microcontroller devices to navigate unmanned submarines during competitions. I also designed and developed Arduino projects for proposed submission to the San Diego Ruben H. Fleet Science Museum.