

# Stephen Clark

4934 Montessa Street  
San Diego, CA 92124  
sclark@linux.com  
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  
La Jolla Country Day School (Since 2001)

Class of 2019  
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, L<sup>A</sup>T<sub>E</sub>X
- 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 for the worlds first all-in-one SaaS solution for sustainability. Responsible for automating the process of detecting outliers in utility data saving valuable man-hours. As a member of agile development team, I helped implement these regression models 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.