John Harvey Roof
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Education:

Santa Clara University — *Santa Clara, California*   Anticipated Graduation: June 2017
- **Bachelor of Science**: Computer Science (Mathematics), Software Emphasis
- <u>Relevant Coursework</u>: Data Structures, Algorithms, Embedded Systems, Web Programming, Web Frameworks, Computer Networks, Operating Systems, Programming Languages, Database Systems, OO Design & Implementation, Web Information Management, Data Science, Machine Learning & Data Mining

University of New South Wales – *Sydney, New South Wales, Australia*   Exchange Program: Fall 2015

Employment:

Student Software Developer, Santa Clara University – *Santa Clara, California*   December 2016 – Present
- Build web application aimed at developing middle school students' interest in computing
- Presented project to Santa Clara University College of Arts & Sciences' Board of Directors
- HTML, CSS, JavaScript, PHP, MySQL, XAMPP, phpMyAdmin

Web Developer, Runner Inc. – *Palo Alto, California*   October 2016 – Present
- Work with social media application available on iOS that allows college students to complete tasks for cash
- Redesign website for 2017 school season rollout to move to new campuses
- HTML, CSS, Bootstrap, jQuery, GitHub Pages
- https://itunes.apple.com/us/app/runner/id1042153171?mt=8

Technology Development Intern, Sales Quarterbacks, LLC — *Palo Alto, California*   May 2016 – December 2016
- Write Python scripts to automate internal processes
- Maintain and update company website using Wordpress, Wordpress Plugins, HTML, CSS, and JavaScript
- Create e-Learning applications using Adobe Captivate and PhoneGap

IT Support, Marcom Interactive, Apple Inc. — *Sunnyvale, California*   August 2016 – September 2016
- Supported 300+ employees from 25+ countries during four week Apple Workshop
- Assisted in help that ranged from configuring new machines to running terminal commands to adjust user settings

Projects:

Lead Developer, Helping Hand, SCU-ACM Hack for Humanity 2017 – *Santa Clara, California*   March 2017
- Built web application to streamline donations to people in need in the San Jose Area
- Finalist in SCU-ACM Hack for Humanity 2017 and presented project to the entire hackathon
- Rails, Bootstrap, Ruby Gems, PostgreSQL, and Heroku
- https://shielded-brushlands-76367.herokuapp.com/ ---- https://github.com/jroof88/Helping-Hand

Developer, Recycle-It   March 2016
- Developed desktop application to simulate a recycling machine and administration panel
- Created data visualization to show real-time analytics about machine usage metrics
- Eclipse, Java, Swing API
- https://github.com/jcallin/COEN-160-Group-Project

Leadership Experience:

Recruitment Chair & Social Chair, Pi Kappa Alpha — *Santa Clara, California*   September 2014 – Present
- Work with current members and alumni to support mission of organization in both recruitment and social events

Programming Skills:
- *Working Proficiency:* C++, C, Java, Python, HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, Ruby, Rails
- *Limited Working Proficiency:* Node.js, Express, jQuery, Wordpress, Scala