

# **John Harvey Roof**

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## **Objective:**

- Obtain a full-time position in either Software Engineering or Web Development upon my graduation in June of 2017
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## **Education:**

***Santa Clara University — Santa Clara, California***

Expected Graduation: June 2017

- Degree: Bachelor of Science, Computer Science (Mathematics), Software Emphasis
- Relevant Coursework: Object-Oriented Programming, Data Structures, Theory of Algorithms, Calculus I-IV, Discrete Mathematics, Linear Algebra, Logic Design, Embedded Systems, Web Programming I, Web Programming II, Computer Networks, Numerical Analysis, Operating Systems, Automata Theory, Programming Languages

***University of New South Wales – Sydney, New South Wales, Australia***

Exchange Program Fall 2015

- Relevant Coursework: Programming for Designers

## **Skills:**

- Working Proficiency: C++, C, HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, SQLite, PostgreSQL, Ruby, Rails, Microsoft Office
- Limited Working Proficiency: jQuery, Python, Wordpress

## **Projects:**

***Ed Camps Inc — Developer***

March 2016

- Designed, implemented, and launched a website for an educational kids camp using HTML5, CSS, JavaScript, Bootstrap, jQuery, SVG, PHP, and MySQL. Client and server side components.
- Created and wrote two JavaScript games
- Designed an SVG graphic data visualization with a PHP script that dynamically updates with user input
- <http://students.engr.scu.edu/~gchrist/EdCamps/index.html>

***START3D — Electrical/Computing Team Member***

July 2015 – December 2015

- Part of a 15 student led team, funded by CREATE UNSW, to build a 1 meter cubed 3d Printer
- Learned all about 3D printing, attended weekly progress meetings, weekly build meetings, met deadlines, made purchase recommendations for Endstops, and researched 3D printing software on GitHub
- <http://www.createunsw.com.au/projects/start3d>

## **Employment:**

***Technology Development Intern, Sales Quarterbacks, LLC – Palo Alto, California*** May 2016 – Present

- Write Python scripts to automate processes
- Maintain and update company website using Wordpress, HTML, CSS, and JavaScript
- Create e-Learning applications using Adobe Captivate and PhoneGap

***Student Alumni Relations Associate, Santa Clara University — Santa Clara, California*** April 2014 – April 2015

- Cold called alumni and other Santa Clara University affiliates to keep contact information up-to-date and to inquire about donations for different SCU funds, built interpersonal people skills along with basic marketing concepts

## **Leadership/Volunteer Experience:**

***Rush Chair & Social Chair, Pi Kappa Alpha — Santa Clara, California***

September 2014 – Present

- Rush Chair: Recruit and interview potential new members, set up events for potential new members, organize and plan Rush Week with other Fraternities
- Social Chair: organize weekly events with sororities, plan a formal weekend for 150+ guests in Lake Tahoe