

Skyler Marquise Rojas

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EDUCATION

University of California, Berkeley
Benjamin Franklin High School

B.A. Computer Science | 2015
Graduate | 2011

Berkeley, CA
Los Angeles, CA

ACADEMIC COURSEWORK

CS61A – Structure and Interpretation of Computer Programs (Python)
CS61B – Data Structures and Advanced Programming (Java)
CS61C – Machine Structures (C programming)

CS169 – Software Engineering (Ruby on Rails)
EE122 – Introduction to Communication Networks
CS70 – Probability Theory and Discrete Math

EXPERIENCE

Symantec Software Engineering Intern

May 2013 – August 2013

- Worked on the Networking team to develop an automated performance and log collection tool in Python. The tool collects performance statistics and product logs from remote hosts and converts relevant data into CSV and JSON formats. Collected data is fed into a data visualization database to discover bottle necks in testing environments, assess network load, and compliment tools intended to stress test the product

UC Berkeley Student Technology Council Co-Chair

Oct 2011 – Present

- Advise the University CIO on student technology needs. Network with campus professors, staff and campus technology departments to fulfill this mission. Began initiatives and cooperative efforts with Microsoft, Adobe, and Box.net
- Coordinate annual coding competitions to improve existing student technology. Project manager for the 2012 and 2013 Code 4 Cal Hackathon to improve student systems applications on campus
- Lead weekly meetings, establish new connections, and represented the student voice for campus technology

UC Berkeley GamesCrafters (front end)

Jan 2013 – May 2013

- Computational game theory research group to strongly solve games
- Used JavaScript and CoffeeScript to add visual value history information to Tic-Tac-Toe for enhanced game play feedback

UCLA Summer Youth Employment Program Intern

Jun 2012 – Aug 2012

- Instructed high school students in introductory front end web development using HTML, CSS, and JavaScript

ACTIVITIES AND CLUBS

BERKE1337 Cyber Security Team | *Founder & President*

Oct 2012 – Present

- Established a team of security enthusiasts to compete in the Western Regional Cyber Defense Competition, an adversarial network defense contest where a team assumes administrative and protective duties of a network. Placed 2nd of 13 teams.
 - Managed an initially vulnerable network from hackers while maintaining critical services and tending to business needs
 - Skills: social engineering awareness, server administration, intrusion detection, vulnerability management, forensics

UC Berkeley Chapter IEEE | *Director of Professional Development*

May 2012 – Present

- Organized research mixers, alumni tech talks, interview workshops, and skill building competitions for Cal students
- Collaborated with industry, IEEE alum, and the University to create meaningful events for over 50 students

Franklin Cyber Patriot Computer Security Team | *Captain*

Oct 2010 – April 2011

- Secured Windows XP/7/servers (FTP, HTTP, SQL) and Linux systems from real-time attacks
- Limited OS vulnerabilities by managing security policies, user permissions, services, and monitoring network traffic

Franklin Army JROTC | *Battalion Commander*

Sept 2007 – Jun 2010

- Highest ranking cadet in the battalion responsible for managing internal affairs, officer promotions, leading classes on leadership and fitness, organizing community projects, and commanding the battalion for drill and ceremonies

SKILLS

Languages

HTML, CSS, JavaScript
CoffeeScript
Python, Ruby
Java
C, Assembly

Computer Security

Windows/Linux sys admin
Incident Response
Network Monitoring
Backtrack/Kali
Wireshark

Leadership

Project Management
Public Speaking
Networking
Teaching

Interests

Ethical Hacking
Parkour
Video Games
Kick-Boxing