Devin N. Nicholson
Software Engineering

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EDUCATION

California Polytechnic State University, SLO
B.S. Software Engineering

San Luis Obispo, CA
Sept. 2014 – Dec. 2018

- Systems Engineering
- Design & Analysis of Algorithms
- Database Systems
- Programming Languages
- Computer Security
- Mobile App Development, iOS

EXPERIENCE

Computer Science & Software Engineering Department
Teaching Assistant, iOS Mobile Application Development

San Luis Obispo, CA
April 2018 – Present

- Demonstrated mastery of iOS by mentoring students in a laboratory environment.
- Validated student application implementations via specifications designed by instructor.

MarkLogic
Engineering Intern (Summer & Part-Time Remote)

San Carlos, CA
June 2017 – Present

- Worked on the Cloud Computing team to integrate MarkLogic with Microsoft Azure and wrote up documentation for deploying MarkLogic on Microsoft Azure.
- Designed and created a GitHub project to deploy MarkLogic using Gradle.
- Worked on various Server Side APIs.

Tapestry Solutions, a Boeing Company
Automation Intern (Summer & Part-Time)

San Luis Obispo, CA
April 2016 – Jan. 2017

- Built and maintained automated testing scripts for new and existing products.
- Wrote Groovy scripts comparing JDBC results.
- Contributed regression test software fixes.

COMPUTER SKILLS

Fluency: Java, Python, Swift, C, SQL, XML, JavaScript, REST API, SML, Linux (Arch, Ubuntu, CentOS), Mac OS X

Exposure: Objective C, ReactJS, Ruby, Scala, C++, Spark, R

Tools: Git, Vim, SVN, Selenium, Jenkins, TravisCI, Gradle, XCode

HACKATHONS & PROJECTS

SLO Hacks (1st place) *San Luis Obispo, CA*
- Developed an iOS App to assist people living in food deserts.
- Utilized XCode (Swift), Firebase, Twilio APIs.

Camp Polyhacks (1st place) *San Luis Obispo, CA*
- Developed an iOS App allowing users to take pictures of their home for insurance using Google Vision in the case of a natural disaster.
- Utilized XCode (Swift), Firebase, Google Vision.

Microsoft Codess (2nd place) *Los Angeles, CA*
- Speed programming competition.

HackingEDU (Chegg API award) *San Mateo, CA*
- Developed an Android App with a team to assist students with office hours.
- Utilized Android Studio, Chegg's API and Parse.

AWS Capture Replay Tool (Open Source)
- Worked with Amazon and a team of six Software Engineers to create a Capture Replay Tool for AWS.
- Primarily worked on back-end integration: SQLite, Java, RDS, S3, Cloudwatch.

LEADERSHIP & ACTIVITIES

Women Involved in Software and Hardware (WISH) *Mentor*
Mentored and assisted young women in preparation for a bright future in the tech industry.

Grace Hopper Conference 2017 *Apple & WISH Scholarship Recipient*

Society of Women Engineers *Mentor*
Spoke at numerous panels about increasing diversity in tech.

Engineering Ambassadors *Tour Guide*
Led groups of 50-100+ high school students and parents through Cal Poly's Engineering Labs.

New Student and Transition Programs *Orientation Leader*
Led a group of 20 Cal Poly Freshmen for 12 hours a day during Orientation Week.

PORTFOLIO

LinkedIn	GitHub	Website
www.linkedin.com/in/devinnicholson	www.github.com/devinnicholson	www.devinnicholson.com