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SUMMARY

- Motivated new grad software engineer with around 2 years of intern experience. Strong skills in backend development, design/implement/maintaining/testing software projects.
- Supportive and enthusiastic team player, strong communicator who communicates across groups, locations, & cultures.

SKILLS

- (*proficient*): Java, Python, Git (*familiar*): C/C++, SQL, Matlab, JavaScript, HTML/CSS, Linux

EMPLOYMENT

Software Engineer, Intern Venafi May-Aug 2019

Venafi (www.venafi.com): Machine Identity Protection Solutions

- Discovered and fixed 2 multibyte conversion bugs that would display Chinese SSL certificates' friendly names and clients' user names incorrectly.
- Deployed an automated continuous integration system using Jenkins and VMware in order to scan the SSL certificates in Microsoft CAPI store.
- Improved the Python API tests by 8% by automating unzipping tar files for data transmission between local database and web servers.
- **Leveraged knowledge** in Linux, Ubuntu, Vim, programming in Objective-C using Visual Studio 2017, Python using PyCharm 3.5, and integrated automation testing with Jenkins, VMware, Agile/Scrum development

Software Engineer, Intern Symantec Mar-Sept 2018

Symantec (www.symantec.com): Global Leader in Next-Generation Cyber Security.

- Implemented refactoring product's category names and descriptions for new version release by rewriting MySQL scripts.
- Utilized Fiddler to debug traffics between clients and web servers.
- Increased test efficiency by 29% by using Java Selenium to automate the test-cases for the Web-Pulse Site-review (sitereview.bluecoat.com).
- Integrated the GoCD for maintaining test-cases by tracking the bug and story variables.
- **Leveraged knowledge** in Full Stack Web development, Jira, JavaScript, MySQL, SQLite, GoCD, Fiddler, Git

Quality Assurance (QA), Intern University of Utah Oct 2017-Mar 2018

- Improved refactoring test scripts by reducing unnecessary codes through analyzing the test reports
- Established remote testing development environment using Java Selenium and bash scripts for Faculty Activity Report Website(<https://faculty.utah.edu/>)
- **Leveraged knowledge** in JUnit testing, Bitbucket, Java Selenium, Sourcetree, Agile/Scrum development

SELECTED ACADEMIC PROJECTS

Interactive 3D Simulation Viewer Mar 2019-Present

- Designed and implemented a VR project that allows users to import their simulation files once and study their simulation in an uninterrupted VR experience.
- **Utilized:** Unity, C#, Steam OpenVR, MVC

Second-hand Items Transaction Website Wrapper Aug-Dec 2018

- Designed and implemented dynamic Web content and Web-server application for over 50 classmates
- **Utilized:** AWS Cloud9, Ruby on Rails, AJAX, HTML/CSS, JavaScript, TCP/IP, DOM

Tower Defense Game Jan-May 2017

- Designed and implemented the Tower Defense Game in Java using Object-oriented design and programming
- **Utilized:** Java MVC, Inheritance, Junit testing, GIT

EDUCATION

Salt Lake City, UT University of Utah Jan 2016-Dec 2019

- **Bachelor of Science:** Computer Science
- **Related Coursework:** Algorithms & Data Structures, Web Architecture, Scientific Computation, Computer Graphics, Machine Learning, 3D Modeling

St. George, UT Dixie State University Aug 2014-Dec 2015

- **Associate of Arts:** Business Administration