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**SUMMARY**

I am driven to help people and committed to developing software engineering skills to achieve this goal. I am able to work independently, but my strength is collaboration. I have experience packaging third party software and running automated testing in a continuous integration environment. In addition, I have experience writing scripts to support remote automated installs via SOAP web service calls. VMware is my friend. Java programming is my most recent area of study and practice. I desire a position where I can deepen my DevOps skills and further my understanding in the Java programming language.

**SKILLS**

* 4+ years of professional experience as a software engineer
* Java, C/C++, Perl, Powershell, HTML, CSS
* Development & Debugger Tools: Visual Studio, Eclipse, Xcode, BlueJ, IntelliJ, PerlD
* Source Control: Perforce, Git
* 2+ years of test automation & CICD
* Build Automation Tools: Jenkins, Puppet Enterprise
* Knowledge of Http protocols & tools
* Exposure to server-side development with focus on scalability, reliability, and redundancy
* Some experience with SOAP/REST web service calls
* Agile Scrum Methodologies
* Software Design Patterns
* Good written and oral communication

**EXPERIENCE**

**Technology Expert………………………………………………………….(2018 – Present)**

MSI Atlas

Providing support and consultation for Mover Services, Inc. and working closely with a 3rd party developer who is providing an all-in-one software solution aimed at eliminating paper trail.

**Accomplishments**

* Desktop operating system maintenance, troubleshooting, and diagnosis
* Desktop connectivity troubleshooting
* Application installation and support
* Printer installation and support
* Microsoft Office Suite support
* AD user account management
* Office 365/Exchange user account management

**Java Boot Camp Instructor…………………………………………………...(2017 – 2018)**

Hosted a Java programming boot camp using Coursera’s Java classes as curriculum. I taught through the 5 course specialization called, “Programming and Software Engineering Fundamentals” provided by Duke University. Completing this specialization served as a good refresher for myself and hosting this boot camp provided me with better mentoring and teaching skills.

**Accomplishments**

* Course 1: Programming Foundations with JavaScript, HTML and CSS
* Course 2: Java Programming: Solving Problems with Software
* Course 3: Java Programming: Arrays, Lists, and Structured Data
* Course 4: Java Programming: Principles of Software Design
* Course 5: Java Programming: Build a Recommendation System

**Software Engineer……………………………………………………………...(2013 – 2017)**

Dell Technologies

Engineer on the virtualization team responsible for creating the Proxy plug-in which allowed AVAMAR backup and restore software to run in a virtualized environment. I provided support to twelve engineers mostly consisting of senior and principal engineers. Team responsibilities included, bug fixes as well as adding new features and enhancements to the Proxy plug-in. Performed DevOps duties which aided in the management and maintenance of lab equipment. Maintained continuous integration/build environments with version control. Expanded and improved the team's internal smoke testing environment across several product releases.

**Accomplishments**

* Pioneered automating the software build process using Puppet Enterprise Solution.
* Automated deployment of the AVAMAR suite in a VMware environment using PowerShell and Jenkins.
* Developed and integrated new test cases for various AVAMAR backup and restore specific plugins.
* Configured EMC VNX & VNXe storage arrays and Cisco servers with VMware ESXi and KVM access.
* Exposure to Cisco switch configuration and zone mappings.
* Created several debug wrapper functions in C and C++

**Software Intern…………………………………………………………………..2012 – 2013)**

Dell Technologies

Maintained and improved the group's internal TWiki website. Wrote scripts in Perl for the TWiki website. Managed an Oracle database for the TWiki website. Assisted with installation and maintenance of team’s physical infrastructure in the lab.

**EDUCATION**

**B.S. in Computer Engineering………………………………………………….(June 2013)**

University of California, Irvine………………………………………………………………………(2010 – 2013)

* Undergraduate Coursework: Data Structures, Algorithms, Computer Architecture, Databases, Circuits, Semiconductors, Analog & Digital Signals & Systems, Engineering and Writing
* Clubs and Offices held: Lab manager & Secretary for UCI IEEE……………………...(2011 – 2013)
* Keyframe Animated Crane & Porsche (<https://youtu.be/lf-_GxzBH-g>)

Long Beach City College……………………………………………………………………………..(2005 – 2010)

* G.E. Coursework: Calculus, Differential Equations, Linear Algebra, E&M Physics, Modern Physics, Thermodynamics, Optics, Intro to C++ Programming, Intro to Speech
* Clubs and Offices held: Webmaster & V.P. of Fundraising for AGS KAPPA…………(2007 – 2010)
* 2nd place MATE Underwater ROV competition (<https://youtu.be/fNchPvwWjq0>)