

Tej Vuligonda

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Education

- **University of California Irvine** – Irvine, California
 - GPA: 3.5/4.0
 - B.S., Computer Science and Engineering; B.A., Business Economics, June 2017
 - Minor in Management

Technical Skills

- Strong in Python programming
- Proficient in HTML, CSS, Javascript, Ruby, Java, C++, VHDL, Haskell, Prolog, MIPS Assembly, Swift
- Experienced with unit testing, functional testing, acceptance testing, and integration testing
- Adept with both LAMP stack and MEAN stack
- Currently pursuing projects involving Machine Learning and Embedded Systems

Coursework: Data Structures Implementation and Analysis, Operating Systems, Programming w/ Software Libraries, Embedded Systems, Design and Analysis of Algorithms, Compilers, Microeconomics, Macroeconomics

Experience

- **Advanced Development Intern** – Dell Inc.; June 2016 to Present
 - Updated previous performance testing automation framework for Advanced Development project
 - Developed scripts to automate data generation and the installation of new builds of the product
 - Documented usage of the performance test system for smooth transition to engineering group
- **Software/Quality Assurance Intern** – Broadcom Corporation; January 2016 to June 2016
 - Collaborated with senior engineers to automate Ethernet Controller Testing using Python
 - Implemented Bash scripts to install both Linux and Windows flavors of Server Operating Systems
 - Worked with the support team to optimize and update the test management system
- **iOS Engineer** – UCI Transportation and Distribution Services; November 2015 to May 2016
 - Revitalized the iOS application for the Anteater Express Shuttle System used by UCI students
 - Implemented a more secure, intuitive, and robust application designed for iOS 8 using Swift
 - Collaborated with a team of two other developers using version control and GitHub
- **Computer Science Peer Tutor** – University of California, Irvine; April 2015 to December 2015
 - Assisted fellow undergraduates with programming projects including Python and C++
 - Analyzed and studied different pedagogical techniques to determine their effectiveness
 - Developed a new method to gather data & evaluations from students using the MEAN Stack
- **Lab Automation and QA Test Intern** – QLogic Corporation; June 2015 to October 2015
 - Created online lab asset management system using Python, SQLite, CGI scripting and Apache that automated tasks such as inventory audits, equipment scheduling, infrastructure planning, IP allocations, capacity planning with the ability to sort and apply filters to narrow search
 - Assisted with general lab functions such as installation and maintenance of computer hardware and product configurations to be used for engineering development and product demos
- **Software Engineering Intern** – QLogic Corporation; June 2014 to September 2014
 - Collaborated with a team of interns to remodel the hardware infrastructure of the company
 - Created the back-end framework for the testing management system using C++
 - Tested network protocols for FCOE/FC and iSCSI enhancing knowledge within a hi-tech industry

Awards and Honors

- **Eagle Scout**, June 2013
 - Participated in a lifelong leadership development program, strengthening leadership skills, determination and communication skills
 - Designed, budgeted for, and built a bookshelf for local temple using the help for 30 fellow scouts