

Tej Vuligonda

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Education

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

Technical Skills

- Strong in Python programming
- Proficient in HTML, CSS, Javascript, Ruby, Java, C++, Swift
- Experienced with unit testing, functional testing, acceptance testing, and integration testing
- Adept with both LAMP stack and MEAN stack
- Currently involved with projects using Machine Learning, Full stack Development and Embedded Systems

Coursework: Data Structures Implementation and Analysis, Operating Systems, Design and Analysis of Algorithms, Embedded Systems, Project Management, Computer Networks, Microeconomics, Macroeconomics

Experience

- **Advanced Development Intern** – Dell EMC *June 2016 to January 2017*
 - Updated legacy performance testing automation framework for Advanced Development project using LAMP stack, Perl and PHP scripting
 - Implemented scripts to automate data generation and installation of new builds of product using Bash
 - Developed R code to analyze data sent by data storage systems to recommend decisions for customers
 - Created new user interface components using Javascript and R Shiny for data analytics project
- **Software/Quality Assurance Intern** – Broadcom Limited *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 Django/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 2015*
 - Collaborated with a team of interns to remodel lab infrastructure of the company
 - Created the back-end framework for the testing management system using C++

Awards and Honors

- **Innovator** – STEMbility *March 2016*
 - Selected as an innovator at STEMbility, a non-profit STEM start-up that helps college students work on open-source projects to help them gain relevant industry experience.
- **Eagle Scout** – Boy Scouts of America *June 2013*