

Tej Vuligonda

2 Green Hollow, Irvine, CA 92620 • (714)-604-8482 • tvuligon@uci.edu • <http://tej-vuligonda.tk>

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 legacy performance testing automation framework for Advanced Development project using LAMP stack, Perl and PHP scripting
 - Developed scripts to automate data generation and installation of new builds of product using Bash
 - 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 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 2014
 - 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

- **Eagle Scout**, June 2013
 - Achieved highest rank in an organization that promotes character, outdoor activities, good citizenship, and service to others
 - Designed, budgeted for, and built a bookshelf for local temple using the help for 30 fellow scouts