

Tej Vuligonda

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Education

- **University of California Irvine** – Irvine, California
 - GPA: 3.2/4.0
 - B.S., Computer Science and Engineering; B.A., Business Economics, June 2017

Technical Skills

- Strong in Python programming
- Proficient in HTML, CSS, Ruby, Java, C++, VHDL, Haskell, Prolog, MIPS Assembly, Swift
- Experienced with unit testing, functional testing, acceptance testing, and integration testing
- Adept with databases using SQLite and MySQL
- Versatile in different software processes including Agile, Waterfall, Scrum, Teams of 10+

Coursework: Data Structures Implementation and Analysis, Digital Logic, Programming w/ Software Libraries, Network Analysis, Design and Analysis of Algorithms, Compilers, Microeconomics, Macroeconomics

Experience

- **Software/Quality Assurance Intern** – Broadcom Corporation; January 2016 to Present
 - Worked with Python scripting to automate Ethernet Controller Testing
 - Implemented Bash scripts to install both Linux and Windows flavors of Server Operating Systems
 - Collaborated with development team to create more efficient and secure programs
- **iOS Engineer** – UCI Transportation and Distribution Services; November 2015 to Present
 - 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 GitHub to solve networking issues
- **Technology Director** – Indian Subcontinental Club at UCI; June 2015 to Present
 - Created state-of-the-art website using HTML, Javascript and CSS frameworks including Bootstrap
 - Improved public relations with the campus using social media leading to an increase in membership
 - Designed flyers and banners for upcoming events using both Photoshop and GIMP
- **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, using Python and Django, emphasized anonymity, to gather data & evaluations from students
- **Lab Automation and QA Test Intern** – QLogic Corporation; June 2015 to October 2015
 - Created online lab asset management system using Python, SQLite, and Django web framework 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