Tej Vuligonda

2 Green Hollow, Irvine, CA 92620 • (714)-604-8482 • tejvuligonda@gmail.com • http://tej-vuligonda.tk

Education

- **University of California, Irvine** – Irvine, California
  - B.S., Computer Science and Engineering   GPA: 3.40/4.0   *June 2017*
  - B.A., Business Economics   GPA: 3.55/4.0   *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

Projects

- **RESANG**   *October 2016 to Present*
  - Pitched senior design project idea to Professor Sameer Singh and received approval for mentorship
  - Led team of 3 other UCI students to develop a group chat web application that employs machine learning to analyze pictures and text in the group chat
  - Designed and developed the Machine Learning microservice using Python
- **Revitalization of the Anteater Express iOS App**   *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

Industry 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
- **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 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*