

Tej Vuligonda

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GitHub: github.com/tejvuligonda

Portfolio: tej-vuligonda.tk

TECHNICAL SKILLS

- **Proficient:** Python, Django, TensorFlow, JavaScript, AngularJS, Node.js, PHP, Ruby on Rails, Java, C++, C, SQL, PostgreSQL, SQLite, MongoDB, Git, AWS, Travis CI, jQuery, HTML5, CSS3, iOS, Swift, Bash
- **Exposure:** GenSim, Objective-C, Perforce, Perl, Apache, R, R Studio

EDUCATION

B.S. Computer Science and Engineering (GPA: 3.4), *University of California, Irvine* Sep. 2017

B.A. Business Economics and Minor in Management (GPA: 3.6), *University of California, Irvine* Sep. 2017

PROFESSIONAL EXPERIENCE

Cisco Systems | Software Engineer | San Jose, CA Jul. 2017 - Present

- Collaborated with UI/UX team to develop Database Portal consolidating 100+ tools with JavaScript, AngularJS, Node.js, and Oracle Apex, decreasing search time by 86%.
- Built predictive patching tool to scrape internal & external knowledge bases for database administrators to apply solutions before issues arise with Python BeautifulSoup and AngularJS; 93% faster than manual process

Dell EMC | Advanced Development Intern | Irvine, CA Jun. 2016 - Jan. 2017

- Updated Performance Testing Automation Framework legacy code for new NAS storage backup software using PHP, Apache, MySQL and Perl, optimizing memory usage by 50% and run time by 20%.
- Automated installation of new product builds with Bash, Python, and Artifactory, saving 1 hour per build.
- Collaborated with Senior Engineer to analyze storage system data and recommend decisions to customers by creating prediction algorithms using R with 92% accuracy.
- Designed UI components for data analytics dashboard with JavaScript, R Shiny and CSS3 for 200+ sales team.

Broadcom Limited | Software Engineer, Intern | Irvine, CA Jan. 2016 - Jun. 2016

- Automated Ethernet Controller Testing using Python which resulted in testing process requiring 80% less engineers with Ethernet Controller knowledge.
- Developed parser for different file types including JSON, XML, CSV and Excel using Python allowing for batch input and 1 day saved per engineer during testing cycles.

QLogic Corporation | Lab Automation, Intern | Irvine, CA Jun. 2015 - Oct. 2015

- Built lab asset management system to automate inventory audits, equipment scheduling, and IP allocations with filtering ability using Python, SQLite, CGI scripting and Django; saved \$7,200 in work for inventory audits.

QLogic Corporation | Software Engineer, Intern | Aliso Viejo, CA Jun. 2014 - Sep. 2014

- Created framework for in-house network driver management system using C++ to handle 200+ combinations.

NOTABLE PROJECTS

SwipeMeIn | Software Engineer + Team Lead | [live](#) 2017

Marketplace for UC Irvine students to buy and sell extra food commons swipes built with PHP, Apache, MySQL and AWS.

RESANG | Software Engineer + Data Scientist 2017

Group chat app employing machine learning (Agglomerative clustering) to provide meaning to pictures and text using Python, TensorFlow and Natural Language Processing with GenSim.

Revitalization of the Anteater Express iOS App | iOS Developer 2016

Rebuilt Anteater Express Shuttle System used by UC Irvine students using Swift with 43% more downloads after launch.

LEADERSHIP + AWARDS

1st Place and Student Choice in Anthacker Competition, *Associated Students - UC Irvine* Jan. 2017

Multidisciplinary Research Fellowship, *Undergraduate Research Program at UC Irvine* Jan. 2017

Eagle Scout, *Boy Scouts of America* Jun. 2013