# Tej Vuligonda

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**LinkedIn:** linkedin.com/in/tvuligonda          **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

## WORK 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 preemptive patching tool to scrape internal and external knowledge bases for database administrators to apply solutions before issues arise 93% faster than manual process using Python, JavaScript and AngularJS.

**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.

## SIDE 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