

# Mohammad Qureshi

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## Summary

Recent graduate seeking a Software Engineering position to develop skills and experience. Knowledgeable in object-oriented programming with a specialization in Information. Motivated and excited to apply current knowledge and willing to learn new technologies. Can work successfully in team and solo environments.

## Education

### University of California, Irvine

B.S. IN COMPUTER SCIENCE

Irvine, CA

Sept. 2013 - Jul. 2017

- GPA: 3.27
- Obtained Dean's Honor List

## Projects

### Fabflix

Spring 2017

HTML, CSS, JAVASCRIPT, SQL, AWS, TOMCAT, ECLIPSE

- Created an e-commerce interface allowing customers to browse/search for movies, add movies of interest to their cart, and checkout
- Developed across the stack from HTML front-end to using JDBC calls to communicate to the MySQL database
- Hosted on AWS and deployed with Apache Tomcat

### Reddit Title Generator

Feb. 2017 - Mar. 2017

PYTHON

- Created a title generator to form titles for Reddit posts based only on the contents of the comments
- Extracted and organized hundreds of posts and stored as JSON for easy access
- Implemented TextRank with Levenshtein distance to create relations and extract keywords

### Search Engine

Feb. 2017 - Mar. 2017

PYTHON

- Created a complete search engine in Python with GUI
- Constructed an inverted index by utilizing over 38,000 crawled links from the ics.uci.edu domain, containing over 800,000 unique words total
- Utilized numerical statistics such as TF-IDF and query independent measurements such as PageRank to optimize precision and recall of resulting links

## Skills

**Programming** Python, Java, C++, C  
**Web** HTML, CSS  
**Tools** Git, Vim, Eclipse, MySQL

## Experience

### University of California, Irvine

Irvine, CA

LAB TUTOR

Spring 2016

- Tutored for an introductory Python course
- Conveyed ideas for programming assignments to students new to programming
- Built foundations for problem solving and good coding habits

## Relevant Course Knowledge

- Analysis of Algorithms and Data Structures
- UNIX Shell Scripting
- Principles of Operating Systems
- Parallel and Distributed Systems