

NAEEM QUDDUS

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EXPERIENCE

Bloomberg LP

Software Engineering Intern

May 2015 - August 2015

New York City, NY

- Position: Core Financial Intern on the Mortgage Development team.
- Designed and created new system to handle workflows for individuals. System designed to automatically generate, assign, and monitor progress of work items in real time. Helps streamline triage and work blockage analysis for project leads. Abstracted interface to allow for new projects and workflows to be added smoothly.

Indeed.com

Software Engineering Intern

May 2014 - August 2014

Austin, TX

- Position: Intern on the Aggregation team.
- Programmed a service to query information from Twitter to find possible job application pages. Wrote and trained a naive bayesian classifier to parse the html content of candidate pages and classify pages, filtering out 98% of undesired pages.

University of Texas, Austin

Freshman Research Program

January 2014 - December 2014

Austin, TX

- Program: Computational Evolution. Conducted research into evolutionary trends using Avida - a digital organism simulating program on the Texas Advanced Computing Cluster (TACC).
- Utilized Avida to set up digital organism genomes and environmental factors. Utilized python and pylab for data parsing, management, graphing, and statistical analysis.

PROJECTS

Web Crawler

- Given starting point, crawled and generated index for a group of html pages.
- Allowed users to enter Boolean search queries and displayed relevant results from an index.

Resume Generator

- Django based WebApp that generates random resume format for users based off of inputs of relevant information and existing resume formatting data from Indeed's database.

2D Rubix Cube

- Application that allows users to freely manipulate a rubix cube (displayed in 2 dimensions).
- Developed algorithm to generate cube solving instructions (Non brute force approach) and display in Singmaster notation.

EDUCATION AND ACCOMPLISHMENTS

University of Texas, Austin

B.S. in Computer Science · Turing Scholars Honors Program

B.S. in Pure Mathematics · Deans Scholar Honors Program

Overall GPA: 3.89

May 2017

Competitive Programming

- Member of UT's International Collegiate Programming Contest team at South Central Regional *October 2014*
- **1st Place** Google Games Austin *April 2015*
- **2nd Place** Microsoft Coding Challenge *September 2015*

TECHNICAL STRENGTHS

Proficient

Java, Python

Familiar

C/C++, Bash

Protocols & APIs

JSON, REST

Tools

Git, Travis CI, Vim, Guice, Ivy, RabbitMQ