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Queens College – City University of New York

Queens, New York

BA in Computer Science

January 2020

GPA: 3.2/4.0

• Queens College IEEE Club; Queens Knights Robotics Club; Tech Festival Hackathon Participant 2018, 2019; CUNY Hackathon Participant 2018, 2019, 2020.

The Software Guild (full-stack Java Bootcamp)

March 2020 – October 2020

Projects

Code Path – Android Mobile Bootcamp

Simple Tweet: Build a simple Twitter client in **java** that supports viewing a Twitter timeline and composing a new tweet.

Flickster: Built a movie app in Java which lets users view a list of movies sourced from the Movie Database API. The user can tap on any list element in order to see more details about the movie selected.

Personal Projects

Personal Home Server: Currently maintaining a server to learn about web hosting, different operating systems, virtualization, hardware, web hosting, networking, security, etc. (Raspberry Pi)

Websites: Created a website that utilizes Spotify API to accumulate data about artists. Used Node.js to handle all incoming and outgoing requests.

Sentio: Build an android app in Java that analyzes texts using Microsoft Sentiment analysis API for Natural Language Processing. Backed up user data to Google's Firebase. Allows you to understand your own emotions through personal journaling.

IMDB Movie Review Classifier, (Natural Language Processing): Used Python to preprocesses IMDB movie review bag of words corpus, removed stop words, and lemmatization/stemming. Implemented a Naïve Bayes model from scratch based off the Hidden Markov Model and achieved a model of 82% accuracy.

Programming Language Interpreter : This project comes in 4 stages. The first is to build a DFA for the type free programming language, a language similar to Python and JavaScript. The next is to write a parser to parse instructions from the language. The 3rd stage is to write an interpreter to interpret the instructions parsed from the language. The 4th and final stage is to support array allocation and index operations.

Skills

Proficient: Java, Python, SQL, JavaScript

Familiar: C++, JavaScript, SQL Server, Git, CSS, HTML, Agile, Pandas, Numpy, Bootstarp, p5.js, Android App development, Life Cycle Models, Integrated Development Environments, Object Oriented SW Engineering, UML, Black-Box Testing, White-Box Testing, Agile Development Methods, Software Refactoring, MVC (Model-view-controller).

Operating Systems: MacOS X, Ubuntu, Windows 10, Raspbian

Work Experience

The Software Guild (Java Full-Stack Bootcamp)

March 2020 – October 2020

- The Software Guild coding bootcamp teaches you everything you need to know to enter junior developer roles in the workforce
- Be involved in the complete software development life-cycle, including working with the production operations team to prepare and execute releases.
- Develop innovative features that are highly performant, compatible and responsive.
- Deep knowledge of software engineering practices: unit testing, configuration management, and release management.
- Provides technical advice and assists in solving programming problems.
- Ensuring that technical software development process is followed on the project, familiar with industry best practices for agile software development.

Computer Science Tutor

Queens, New York

- Instruct students on facets of Java, Python.
- Teach how to write computer programs, algorithms and programming languages.
- Engaged students in understanding the material and enhance their performance.
- Provided a safe and comfortable environment for students to explore the topics.
- Collaborated with students to help build efficiency and confidence in their work.

Citi Field.

Queens, New York

IT Technician / Cashier (Citi Field, home field of the New York Mets)

June 2017 – August 2018

- Greeted customers entering the establishments
- Provide support to customers on a variety of IT issues by identifying, researching and resolving technical problems
- Support facility infrastructure and network hardware cabling
- Provide on-site support and troubleshooting of network equipment – router, switch, tablets, and computers.
- Assisted customers by providing information and resolving their complaints

Edison High School**Queens, New York****Computer Technician**

September 2012 – April 2015

- Test and repair faulty equipment to systems diagnose malfunctions
- Applying knowledge of the functional operation of electronic units and systems
- Study blueprint, schematics, manuals or other specifications to determine installation procedures
- Maintains equipment logs of performance problems, repairs, calibrations or tests

Certification

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| • Software Engineering Virtual Experience (JPMorgan Chase & Co). | April 2020 |
| • Cisco Certified Associate Routing and Switching (CCNA) | May 2015 |
| • Cisco Certified Entry Networking Technician (CCENT) | December 2014 |
| • Microsoft Certified Professional | May 2014 |
| • Microsoft Technology Associate | May 2014 |

Volunteer Experience

- Making Strides Against Breast Cancer
- Highland Park Children's Garden Harvest
- City Harvest at Jacob A. Riis Neighborhood Settlement House