Uriah Pissalidis

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EDUCATION

Queens College - Bachelor of Arts in Computer Science   Aug 2016 - Jan 2022
- **Major:** Computer Science

Nassau Community College - Associate's Degree   Aug 2011 - Dec 2015
- **Major:** Liberal Arts and Sciences

SKILLS

Languages: Java, Python, C++, SQL, JavaScript, HTML, CSS, Assembly, LISP, Markdown, LaTeX
Tools/Technologies: Node.js, React, Flask, Express, Git, Apollo, GraphQL, BootStrap, NumPY, MongoDB, Pandas
Practices and Platforms: CI/CD, Windows, Visual Studio (VS), Eclipse, Sublime Text 3, Postman

WORK EXPERIENCE

The Headstarter Accelerator Program   July 2022 - Sept 2022
Software Engineering Fellow
- Chosen out of 700+ candidates (14% acceptance rate) to comprehensively complete a highly competitive software development accelerator program, completed mock software interviews, and worked in teams two and four with other software engineering fellows
- Developed 8 CRUD applications from the Frontend to the Backend with Agile methodologies given by engineering managers in a hackathon-style manner
- Actively participated in peer reviews of projects from fellow software engineers in the program, increasing throughput of the application development by at least 20%

NOTABLE PROJECTS

Album Art Finder | JavaScript, Node.js, HTML, Spotify API
- Created an HTTP server with Node.js that parses URLs, processes HTTP requests, HTTP responses, utilizes user authentication and displays album art for an artist specified by the user
- Written in Vanilla JavaScript, the components of this school project were developed without the use of frameworks and third-party software (such as Express or Axios)

Project Management Application | React, Node.js, Vanilla JavaScript, Bootstrap, GraphQL
- Developed a Fullstack application for job posters to assign projects to students in a workplace
- Projects were assigned by a project manager increasing efficiency of workflow by 20%

Bear Fish River | Java, Git
- Constructed a Java application wherein an array contains two animal objects, bears and fish
- Bears and fish are randomly assigned to the river array where they can fight, reproduce, populate an empty index, or be overwritten

IEX Data for Financial Analysis | Python, Jupyter Notebook, Pandas
- Constructed Python code to seamlessly extract financial data from the IEX API (45% faster than traditional methods which led to an increase in profits for day-traders)
- Financial data is pulled from the IEX API with various endpoints written within the code, user can specify what data they want to see leading to a 15% uptick in customer engagement

Activities

Hosted Leetcode Pair-programming sessions | Python, Java   Feb. 2020 - Present
- Paired programmers into groups of two, after a set amount of time had elapsed, teams discussed their solutions in Discord to find optimal solutions
- Pair-programming resulted in a 15% drop in bugs upon analysis of solutions during code reviews, grades increased at least a full letter grade for students that participated before enrolling in Data Structures