MATTHEW HENSCHKE

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EDUCATION

The City University of New York College of Staten Island   Expected: June 2020

Bachelors of Science, Computer Science | GPA: 3.95

Verrazano Honors | STEM Scholarship

Relevant Coursework

Software Engineering, Analysis of Algorithms, Machine Learning, Applied Cryptography, Object-Oriented Software Design, Web Database Applications, Data Structures, Serious Game Development, Discrete Mathematical Structures

TECHNICAL SKILLS

Programming: JavaScript, Express.js, React.js, Python, C++, Java, CSS, SQL, Bootstrap 4, HTML

Technologies: Windows, OS X, Linux, Git, PostgreSQL, MySQL, Microsoft Excel, Microsoft Word

PROJECTS

Lavish | *Express.js/React.js/MySQL/Bootstrap 4*   **February 2019- Present**

● Objective: Develop a full-stack web application that acts as an online dating service that matches users that share common interests.

● Result: The web application was successfully implemented and presented at CUNY Tech Prep's Spring 2019 Demo Night

Heroes Food | *Express.js/React.js/PostgreSQL/Bootstrap 4*   **September 2018- Present**

● Objective: Develop a full-stack web application for users to review and critique different restaurants

● Result: The web application was successfully implemented and presented at CUNY Tech Prep's Fall 2018 Demo Night

Account Management System | *Java/SQL*   **February 2018- May 2018**

● Objective: Develop a simple system for users to keep track of the credentials for their different types of accounts

● Result: An offline desktop application that securely stores account credentials of clients was implemented

EXPERIENCE

Elsevier   New York, NY

Technology Intern   *June 2019 – August 2019*

● Optimized Knovel database performance and simplicity by parsing CSV data into JSON format

● Populate Knovel databases with modified metadata

CUNY Tech Prep   New York, NY

Software Developer Student   *June 2018 - Present*

● Selected for a full stack JavaScript training program, as one of 122 students out of 400+ applicants

● Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development, and CI/CD

College of Staten Island   Staten Island, NY

SEEK Program Mathematics Tutor   *September 2017 - Present*

● Examine students' difficulties in their math classes and clarify mathematical concepts

● Mentor students and conduct study groups

ACTIVITIES

● Interests: Basketball, Fitness, Programming, Networking