

MATTHEW HENSCHKE

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OBJECTIVE

Seeking entry level software/full-stack developer positions to utilize my experience in working with a variety of programming languages/frameworks and building full-stack web applications.

TECHNICAL SKILLS

Programming: Node.js, React.js, Python, JavaScript, TypeScript, C++, Java, CSS, SQL, Bootstrap 4, HTML5

Technologies: Git, IBM Watson, Linux, PostgreSQL, MySQL, MongoDB, MS Access, Firebase

EXPERIENCE

Elsevier/Knovel

New York, NY

Technology Intern

June 2019 – August 2019

- Worked closely with Knovel's development team to write automated Python scripts that converted different scientific property CSV files to JSON which were then used to populate 3 Knovel database tables
- Design E-R diagrams to vividly illustrate logical structure of Knovel's database

CUNY Tech Prep

New York, NY

Software Developer Student

June 2018 – June 2019

- 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

PROJECTS

Lyric Analysis | *Express.js/React.js/TypeScript/Bootstrap 4*

November 2019 – January 2020

•Objective: Develop a web application that extracts song lyrics using web-scraping techniques and the Genius API where sentiment analysis can be performed using IBM Watson's Natural Language Understanding API

•Result: The web application is now deployed on Heroku at <https://matthenschke-lyric-analysis.herokuapp.com/>

Lavish | *Express.js/React.js/MySQL/Firebase/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 created and presented at CUNY Tech Prep's Fall 2018 Demo Night

Account Management System | *Java/SQL*

February 2018- May 2018

•Objective: Develop a GUI for users to keep track of the credentials for their different types of online accounts

• Result: A desktop application that securely stores account credentials of clients was implemented

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 | Capstone in Progress

Relevant Coursework

Data Structures, Analysis of Algorithms, Software Engineering, Seminar in Computer Science, Machine Learning, Application of Bloom Filters, Applied Cryptography, Object-Oriented Software Design, Introduction to Web Development and the Internet, Web Database Applications, Introduction to Database Systems, Discrete Mathematical Structures, Computer Architecture, Internet Data Communications