

MATTHEW HENSCHKE

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OBJECTIVE

Seeking entry level software developer positions to utilize my experience in developing web services and RESTful APIs, and my passion for learning new technologies.

TECHNICAL SKILLS

Programming: Node, React, Python, JavaScript ES6, SQL, TypeScript, Next, C++, Java, CSS, jQuery, SQL, SASS, HTML5

Technologies: Git, Docker, NPM, Postgres, Heroku, OS X, Linux, MySQL, IBM Watson, MongoDB, Pip, AWS S3, AWS CloudFront

EXPERIENCE

WorkSchool

New York, NY

Virtual Software Developer Intern

August 2020 – Present

- Built 2 microservices from the ground-up using TypeScript and Express while adhering to OOP principles
- Fixed bugs in the client-application written in Next.js in order for it to effectively render its different static routes on AWS S3 and AWS CloudFront
- Worked extensively with Git and Docker for version control and containerization of microservices

Columbia Engineering Coding Bootcamp

New York, NY

Teaching Assistant

July 2020 – Present

- Teach students full-stack development using the MERN Stack in order for them to become skilled full-stack developers
- Mentored groups of 15-20 students and reinforce concepts taught in lectures during class activities
- Hosted remote lectures via Zoom
- Participated in weekly standups with the lead instructor and other teaching assistants

Elsevier/Knovel

New York, NY

Technology Intern

June 2019 – August 2019

- Worked closely with Knovel's Agile 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
- Designed E-R diagrams to vividly illustrate logical structure of Knovel's database

PROJECTS

Stock Portfolio Application | Node/React/Redux.js/MySQL/Bootstrap 4/CSS

March 2020 - April 2020

- Objective: Develop a web application that allows users to buy and sell stocks, and view their stock portfolio using the IEX Cloud API

<https://matt-henschke-stock-app.herokuapp.com/>

Lyric Analysis | Node/React/TypeScript/Bootstrap 4/CSS

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 NLP API

<https://matthenschke-lyric-analysis.herokuapp.com/>

Account Management System | Java/SQLite

February 2018 – May 2018

- Objective: Led a group of 3 to develop a GUI application that manages the credentials for each user's online accounts using Java Swing and SQLite while following MVC architecture and OOP Principles

<https://github.com/matthenschke/CSC-330-Object-Oriented-Software-Design/tree/master/Project>

EDUCATION

The City University of New York College of Staten Island

Expected: June 2020

Bachelors of Science, Computer Science | GPA: 3.96

Verrazano Honors | STEM Scholarship | Summa Cum Laude

Relevant Coursework: Data Structures, Analysis of Algorithms, Software Engineering, Machine Learning, Applied 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