

MATTHEW HENSCHKE

[linkedin.com/in/matthewhenschke](https://www.linkedin.com/in/matthewhenschke) || (917) 543-3731 || matthewhenschke98@gmail.com || github.com/matthenschke

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

EXPERIENCE

Elsevier

Technology Intern

New York, NY
June 2019 – August 2019

- Optimized database performance and simplicity by parsing CSV data into JSON format
- Wrote automated Python scripts to populate databases with modified metadata

CUNY Tech Prep

Software Developer Student

New York, NY
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*

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 was successfully developed and is now deployed on Heroku

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