Jesse Peterson   Garfield, NJ

(201)-754-3446 | zerogravity124@gmail.com   ⊘**Website** | https://jmpportfolio.netlify.app

in**LinkedIn** | https://www.linkedin.com/in/jesse-peterson-959b2b224   ⌾**GitHub** | https://github.com/Jpeterson2012

Education

Georgia Institute of Technology, Atlanta, GA   **January 2024 - Present**

M.S. Computer Science

William Paterson University, Wayne, NJ   **January 2023**

B.A. Mathematics, Minor in Computer Science

Skills

Languages: Java, C++, Python, C#, Typescript, R, CSS, HTML, MYSQL

Frameworks/Libraries: React, Angular, NumPy, Pandas, Spring Boot, Node.js, Spring MVC

Other Tools: Git, MongoDB, Postman, WSL, Docker, Visual Studio, Visual Studio Code, Intellij

Project(s)

Simple Market Trading Simulator   **Github**

(Python, MYSQL, Pandas, NumPy, Beautiful Soup)

- Generated application that scrapes the current S&P500 symbols from Wikipedia using the Beautiful Soup library.
- Stores these symbols inside a MYSQL table along with a table of historical data for each ticker, provided by the Yahoo Finance API.
- Uses a machine learning model consisting of a bag learner and random trees to produce buy/sell signals.
- Conducts trades according to model output and tracks earnings.

Ecommerce Site (Full Stack)   **Demo here**

(Java, Typescript, Spring Boot, Angular, MYSQL, HTML, CSS, Bootstrap)

- Built a bookshop ecommerce website where you can browse, filter, and buy different books.
- Used Typescript, Angular, HTML, CSS, and Bootrap to create responsive, functional components for a seamless, interactive user experience.
- Designed REST API using Java, Spring Boot and Spring MVC to interact with a MYSQL database.
- Tested endpoints by using Postman requests and hosted backend and database to Azure using Docker compose, Azure container registry, & Azure container instances.

Work Experience

Inventory Associate | **Fello** | **Butler, NJ**   **March 2024 – Present**

- Manage inventory counts and accuracy utilizing custom company software and google sheets.
- Add new items to the company database and update existing product information to the current standard.
- Receive and inspect equipment for damages and missing parts.

Independent Contractor | **Instacart** | **Garfield, NJ**   **March 2023 – Present**

- Use system software to view and accept personal shopping orders, shop at a variety of stores, communicate with customers, and respond to special requests while shopping.
- Provide exceptional quality customer service and regularly handle and resolve customer complaints while simultaneously coordinating efficient deliveries of large orders with various destinations.