

Jesse Peterson

Garfield, NJ

(201)-754-3446 | zerogravity124@gmail.com

 **Website** | <https://jmpportfolio.netlify.app>

 **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 Bootstrap 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

Hardware Configuration Specialist | Fello | Butler, NJ

March 2024 – Present

- Configure hardware based on customer specifications.
- Perform QC check on configuration changes; Identify discrepancies between the request and the implementation and resolve or initiate their resolution.
- Work alongside various departments to ensure all orders are prepared and ready for daily outgoing shipments.

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.