

# Jesse Peterson

Garfield, NJ

(201)-754-3446 | [zerogravity124@gmail.com](mailto:zerogravity124@gmail.com)

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

 **LinkedIn** | <https://www.linkedin.com/in/jesse-peterson-959b2b224>

 **GitHub** | <https://github.com/Jpeterson2012>

## Education

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**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

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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)

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**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

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**Hardware Configuration Specialist | Fello | Butler, NJ**

**March 2024 – Present**

- Configure hardware based on customer specifications.
- Develop custom software for internal use.
- Perform QC check on configuration changes; Identify discrepancies between the request and the implementation and resolve or initiate their resolution.

**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.