

# Jesse Peterson

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

## Education

**William Paterson University, Wayne, NJ**

**January 2023**

B.A. Mathematics, Minor in Computer Science, *GPA: 3.57*

**Bergen Community College, Paramus, NJ**

**May 2020**

A.S. Mathematics, *GPA: 3.62*

**Relevant Coursework** | Linear Algebra, Discrete Mathematics, Data Management & Stats Computing, Mathematics Statistics, Data Structures, Discrete Structures, Internet Applications w/ Java

## Skills

Languages: Java, C++, Typescript, R, CSS, HTML

Other: Git, Spring Boot, Spring MVC, Angular, MySQL, Postman, REST API, Visual Studio, IntelliJ, Ubuntu

## Project(s)

### **Bookshop**

**(Java, C++, MYSQL)**

- Created menu interface with separate menu for each entity.
- Implemented MYSQL database connectivity for each menu option.
- Utilized OOP design and SQL libraries to create classes with custom queries.
- Remade application using core Java and JDBC.
- Added TCP/IP capability using socket and server socket libraries.

### **Bookshop (Full – Stack)**

**(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 with Angular to create functional components for a seamless user experience.
- Developed responsive and interactive UI elements using HTML, CSS, and Bootstrap.
- Designed REST API using Java, Spring Boot and Spring MVC to interact with a MYSQL database.
- Used Spring Data JPA and Hibernate to implement Object Relational Mapping (ORM).
- Tested endpoints by using Postman requests.

## Work Experience

**ALDI | Bergenfield, NJ**

**December 2021 – Present**

Store Associate

- Process customer purchases, collaborate with team members to keep store stocked, and organize merchandise in an orderly manner.
- Provide exceptional customer service by assisting customers with a timely checkout and knowledge of the location of products.