Alyssa Simon

Jersey City, NJ

LinkedIn: www.linkedin.com/alyssasimon | Email: alyssasimon519@gmail.com

SUMMARY

Senior at New Jersey City University pursuing a Computer Science degree with project-based experience, interested in web development. Disciplined, meticulous, and a self-starter. A fast learner eager to utilize and improve my skills, as well as to expand my knowledge on technology.

EDUCATION

New Jersey City University   **Jersey City, NJ**

Bachelors of Science in Computer Science   September 2020 - Present

Minor: Computer and Information Systems

- GPA: 3.954 | Presidential Scholarship
- Relevant Coursework: Visual Programming, Artificial Intelligence, Game Programming, Discrete Structures I/II, Software Engineering I/II, Data Structures, Database Design, Telecommunications and Networking, and Business Information Systems & Applications
- Member of the DRAFT

EXPERIENCE

High School Tutor/Service Learning   **Jersey City, NJ**

University Academy Charter High School   September 2016 - June 2019

- Provided direct service by tutoring struggling high school students during each school year in Mathematics (algebra 1, algebra 2, geometry, and precalculus).
- Evaluated my students' areas of struggle(s) and scheduled private hour-long lesson plans twice a week to help them succeed on their homework and exams.

PROJECTS

Student Library Management System | Java

https://github.com/alyssasimons/student-library-management-system

- Developed a provisional student library management system in a team of 6 student peers.
- System has functionalities intended to update book catalog, add/delete books, find patrons, and generate reports.
- Solely developed the system's front-end build (GUI) using Java Swing.
- Collaborated with the team with the ideations of the system: requirements, analysis, and design.

Video Game Picker | Node.js, Express.js, EJS, JavaScript, & CSS

https://github.com/alyssasimons/game-picker

- A web application that suggests a video game you can play when you're indecisive; built using HTTP request methods and only runs on a local server.

TECHNICAL SKILLS

Programming Languages: HTML/CSS, JavaScript, EJS, Java, Python

Tools/Frameworks: VS Code, IntelliJ, GitHub, Git, Bootstrap, Node.js, Express.js, jQuery