Kathleen Ashley

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Objective

A compassionate, detail-oriented computer science student with experiences in back-end development, front-end development, and developing a RESTful API. Seeking for opportunities to develop my knowledge as a Computer Science student.

Education

Bachelor of Science | Computer Science *(Expected June 2023)*
Oregon State University, Corvallis, OR
- GPA: 3.82
- *Model UN Excellence Scholarship* Recipient
- *International Student Continuation Scholarship* Recipient 2021-2022 & 2022-2023
- Dean's List Honoree Winter 2022, Fall 2021, Spring 2021, Winter 2021, Fall 2020, Spring 2020

Academic Projects

RESTful API Development [Node.js, Express, MongoDB, Docker, Redis]

- Developed a YELP and TARPAULIN-like application with RESTful API by having multiple endpoints, utilized Docker to containerize the application while storing the used data on MongoDB
- Performed authentication of user using JWT, utilized Redis to implement rate limiting

Recipe Creator Website [HTML, CSS, Node.js, Express, JavaScript]

- Implemented a complete full-stack web application from the ground up by using HTML and CSS to implement the client's interface
- Enabled user interaction with the interface by using client-side JavaScript
- Client-side interaction allows changes to be made (delete, insertion, read, update, and create) to content stored in the back-end data store.

Smallsh – Linux Shell [C Programming]

- Implemented a UNIX shell that supports UNIX commands with three built-in commands (exit, cd, status). Allows commands to be run in the background and foreground.

Client-Server Chat [Python]

- Implemented client-server chat using python sockets.

Leadership roles

Global Medical Missions Alliance (GMMA) | Missions Coordinator
Orlando, FL | October 2018 to May 2019
- Gathered ideas for mission trips and helped treasurer with mission fundraising.
- Relayed communication and planned training with presidents

Technical Skills

Languages

Python, C, JavaScript, C++, Assembly

Tools

Visual Studio, Docker, Postman, RabbitMQ, GraphQL

Web Development

HTML, CSS, Node.js, Express

Cloud and Databases

MongoDB, Mongoose, MySQL, Redis

Languages

Fluent in English and Indonesian

Interpersonal Skills

- Willingness to learn
- Teamwork
- Time-management
- Effective communication
- Problem solving skills

Related Coursework

- Web Development
- Cloud Application Development
- Introduction to Databases
- Intro to Usability Engineering
- Intro to Computer Networks
- Intro to Cybersecurity