JESSICA PHAM

Everett, MA 02149 | (857) 654-4329 | jp74ham@gmail.com
linkedin.com/in/jessica-pham-36928a252|github.com/jp74ham

EDUCATION

Suffolk University - BS Computer Science **2025**
Courses - Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Architecture of Computer Systems, Discrete Math I & II, Probability and Statistics, Calculus I & II
Current Courses - Software Engineering, Intro to Computer Networks, Computer Operating Systems

SKILLS

Coding Languages | C/**C++** ,**Java** , Python, SQL, Bash
Tools | Visual Studio Code, Qt5, QtCreator, MySQL Workbench, UML, Git/Github
Learning | GCP, Wordpress, ReactJS & NodeJS & AngularJS, Docker, Springboot
Languages | English (Fluent), Vietnamese (Fluent)

PROFESSIONAL EXPERIENCE

Sales Associate | Dairy Maid **June 2018 - August 2018**

- Operated cash register and handled monetary transactions accurately.
- Managed inventory and restocked supplies as needed.

Office Secretary Assistant | The Joint Committee for Children's Healthcare in Everett **October 2018 - May 2019**

Office Secretary Assistant | Suffolk Miller Hall Residence Life Office **Sept 2021 - March 2022**

- Provided administrative support to the office by handling phone calls, emails, and other correspondence as well as maintained and organized office files, ensuring easy accessibility and confidentiality.
- Sorted and registered incoming mail

St. Clements Church Database Backend (Springboot |Java| MySQL) **December 2023 - Present**

- Leveraged Spring Boot framework with JDBC template for seamless integration with the database layer.
- Designed and implemented the database schema to efficiently store and manage church-related data, including member information, event schedules, and financial records.
- **Developing** RESTful APIs using Spring MVC architecture and JSON for CRUD operations on church data.

PROJECTS

Mock Database Application (C++| Qt5 | QtWidgets) **October 2022**

- Developed a mock database application using C++ for backend logic and Qt5 QtWidgets for the GUI interface.
- Implemented features for data entry, retrieval, and basic querying.
- Utilized file handling to simulate database operations with a text file.

Utilities in C **January 2024**

- *copy*: utilized system calls such as open, read, write, and close to handle files of arbitrary sizes in chunks, enhancing scalability and performance.
- *dir*: differentiated between files and directories, displaying the contents of a specified directory or the current directory if no directory is specified.
- Implemented error handling mechanisms using perror and exit to ensure robustness and graceful termination in case of failures.

Horizontal Course Registration Prototype (Java | UML) **February 2024**

- Anticipated user requirements and created UML and non-UML diagrams to plan out and design a multifaceted view of the architecture and software of the project.
- Created a simple text-interface prototype of surface level functions that would react to user input for event signals.