Celine Philachanh

celinephilachanh@yahoo.com | +1 (303) 918-9563 | Westminster, CO 80030 | linkedin.com/in/celine-phil/

Professional Summary

Recent Computer Science graduate expanding professional understanding and technical curiosity through experience while upholding the company's growth and success when facing diverse challenges that require future-based thinking and innovative solutions.

Education

Bachelor of Science in Computer Science   *August 2021 - April 2023*
Southern New Hampshire University - Manchester, NH
Focus: Software Engineering
GPA: 3.72 / 4.00 (Magna Cum Laude)
Relevant Coursework: Programming Languages, DSA: Analysis and Design, Software Reverse Engineering, Full Stack Development I and II, Client/Server Development, Secure Coding, UI/UX Design and Development, Software Test Automation & QA, SDLC

Technical Skills

C/C++ | Python | Java | Django | MongoDB | Angular | Node.js | HTML5 | CSS3 | NoSQL | SQL | Docker | Agile Methodology | Git

Professional Experience

Technology Repair Technician II   *April 2018 - August 2020*
MOVIL - Edgewater, CO

- Test equipment following installation or repair, verifying functionality and adherence to specifications for more than 30 customers per day.
- Proactively assist with tasks and work duties out of my area of expertise to further support team morale and efficiency throughout the day.
- Perform full hardware diagnostics and offer solution that meets customer's needs.
- Fast-paced worked environment to keep customer and company satisfaction at 100%.

Notable Technical Projects

Event Tracker App - GitHub   *Summer 2023*
A user-friendly android application built on the goal of creating an account to manage and track the dates and times of upcoming events.
Tools: Java 19, SQLite, Android Studio

- Utilized authentication and SQLite to store user information and grant user registration or sign in.
- Implement CRUD database functionality to store data by users.
- Distinguished the root cause of bugs and errors to deliver a cultivating end-user experience.
- Applied computing solutions to mitigate potential vulnerabilities and ensure privacy of sensitive data.

Austin Animal Shelter Dashboard - GitHub   *Fall 2022*
An application that allows users to utilize a database for the Austin Animal Center (AAC) with the goal of adding, searching, removing, and updating the "animals" collection.
Tools: Python, MongoDB, Linux OS, Jupyter Notebook

- Performed MongoDB queries to make certain that users can access the necessary data.
- Execute 6 automated JUnit tests for individual functions to verify that the customer's requirements are met.
- Ensure the test coverage for the java files has 80% coverage or higher.

3D Vector Graphics Scene - GitHub   *Fall 2022*
A three-dimensional representation of a real-world scene that enables users to navigate the scene using a virtual camera and mouse controls.
Tools: C++, OpenGL

- Produce code that provides perspective and orthographic displays of the 3D object.
- Employ industry best standard code formatting practices that is easy to read.
- Utilize organized geometry and textures, ensuring that polygons and high-resolution textures accurately depict the real-world scene.

Affiliations and Awards

- Southern New Hampshire University President's List   *2021 – 2023*
- Member of the SNHU Mental Health Awareness Club and NU Club   *2021 – 2023*
- Volunteer at Lao Buddhist Temple of Colorado   *2016 – Present*
- Spectrum Scholars Program Finalist   *2022*