

Celine Philachanh

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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)

Core Courses: 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

Bachelor of Science in Biology

2018 - 2019

Regis University – Denver, CO

Focus: Pre-Medicine

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 - [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