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 values and success when facing diverse challenges that require future-based thinking and innovative solutions.

EDUCATION

Southern New Hampshire University, Manchester, NH   2021 - 2023
Bachelor of Science in Computer Science; Focus in Software Engineering
GPA: 3.72/4.00 (Magna Cum Laude)
Dean´s List Academic Achievement Award recipient
Relevant Coursework: Software Reverse Engineering, Full Stack Development I & II, Software Test Automation & QA

Regis University, Denver, CO   2018 - 2019
Bachelor of Science in Biology; Focus in Pre-Medicine

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 Database 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.

PROFESSIONAL EXPERIENCE

MOVIL, Edgewater, CO   April 2018 – August 2020
Technology Repair Technician II
- 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%.

ADDITIONAL

- **Technical Skills:** C/C++, Python, Java, Django, MongoDB, Angular, Node.js, HTML5, CSS3, NoSQL, SQL, Docker, Agile Methodology, Git
- **Languages:** Fluent in English, Lao; Conversational Proficiency in Thai
- **Clubs:** SNHU Mental Health Awareness Club (2021 - 2023), NU (2021 - 2023)
- **Awards:** Spectrum Scholars Program Finalist (2022)
- **Volunteer:** Lao Buddhist Temple of Colorado (2016 - Present)