**SOVANNARA CHOU**

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**EDUCATION**

**University of Washington Bothell**

Bachelor of Computer Science and Software Engineering August 2023

Cumulative GPA: 3.8

Relevant Coursework: Software Engineering; Operating Systems; Data Structures & Algorithm

**TECHNICAL SKILLS**

**Languages:** C++, HTML, CSS, Python, SQL (basic)

**Developer Tools**: GitHub, Visual Studio, VS Code, Code::Blocks, MS Office, Google Colab, Unity

**EXPERIENCE**

**Mercury Pharmacy Services**

Pharmacist Assistant September 2017 – Present

* Contributed to a collaborative team effort by efficiently packaging medications and supplies, ensuring timely and accurate delivery to patients.
* Effectively utilized automated dispensing technology and verified patient prescription labels.
* Collaborated extensively with various departments to provide an exceptional patient care experience, contributing to a high patient satisfaction rating.

**Boeing**

Mechatronic Intern July 2019 – August 2019

* Engaged in preventive maintenance evaluations for a variety of equipment, effectively preventing breakdowns.
* Performed testing and successfully deployed robotics programming code, resulting in increased productivity.
* Assisted mechatronics technicians in the repair and replacement of malfunctioning electrical and mechanical components, maintaining equipment efficiency.

**PROJECT**

**2D Street Fighter Clone** June 2022

* Developed a 2D fighting game using the Unity cross-platform game engine, incorporating a multiplayer networking system to enhance the interactive gameplay experience with Unity script and C#.
* Designed and implemented the visual appeal by integrating features such as health tracking, special moves, fighting skills, and animations to create dynamic gameplay.

**Travel Application Database** December 2022

* Developed a comprehensive database application to efficiently manage and store essential customer data related to hotel reservations, car rentals, and flight bookings.
* Successfully implemented a well-structured database schema using SQL, including visual aids like rational diagrams and entity relationship diagrams.

**Personal Website**

* Implemented a simple personal portfolio website using HTML, CSS, and JavaScript, showcasing my projects, skills, experience, resume, and contact information to offer a comprehensive view of my professional profile.

**RESEARCH**

**Depression Prediction in Individuals with Hypertension Research** August 2023

* Developed and evaluated algorithms using machine learning and statistical modeling techniques to increase performance, data management, and accuracy.
* Worked closely with a research team to identify opportunities for performance enhancement and the integration of trained models.
* Significantly enhanced the accuracy with the highest rate of 90% predictive outcomes compared to the findings of prior research studies.