

# SOVANNARA CHOU

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## EDUCATION

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### 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

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

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

## EXPERIENCE

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### 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

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### 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 Portfolio Website

August 2023

- 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

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### 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.