Wen Yao (Ken) Ho

B.S. Computer Science
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Portfolio

www.howenyao.me

Skills

C/C++, Java

HTML5, CSS, JavaScript

Db2, SQL, Spring Boot

TCP/IP, DNS

Tools

Git   GitHub

Docker   Shell (UNIX)

Adobe XD   Adobe Lightroom

Education

Bachelor of Science

2020 - 2023 (expected)

San Jose State University

Computer Science

2017 - 2019

Ohlone College

Interest

📷 Portraits   🎵 EDM   🏀 Basketball

👨‍🍳 Culinary

Work Experience

Stem-Away   Jun 2021 - Aug 2021

Web Development Intern

- Worked in a team to develop a "quick notes" plugin for Discourse.
- Implemented show/hide panel feature to reduce screen clutter. And overall aesthetic.
- Assisted team lead to resolve Git merge conflicts and helped to onboard new members through written guides and Discord calls.

Quorum Holdings   Sep 2019 - Dec 2019

IT Assistant

- Assisted IT team to migrate on-premise Exchange servers to Microsoft 365.
- In charge of setting up web hosting environment for multiple company domains with reliable hosting services such as GoDaddy.
- Performed bug fixes on broken links, improved website codebase by replacing deprecated HTML code with HTML5

Ohlone College   Jan 2019 - Jun 2019

CS Tutor

- Hosted study session and office hours for struggling CS students.
- Received multiple testimonies from students and nominated for Student Excellence Award

Academic Projects

Dining Philosopher Problem

Class: Intro to Operating Systems

C program that simulates five philosophers (threads)

and the use of pthreads and mutex to prevent deadlock

CRUD Database App

Class: Intro to Relational Database

A database app that simulates a simple banking system that

can perform CRUD operations with stored procedures and user

Defined schemas. Implemented with Db2, Java, and JDBC.

Study Buddy

Class: Object Oriented Programming (group project)

A full stack productivity app that was bootstrapped with Spring Boot

using MVC design pattern and integrated with MySQL database.