BRIAN MAK

brian@bmak.xyz · (925) 900-8595

https://bmak.xyz/ · https://linkedin.com/in/brian-mak · https://github.com/eggroll-bot

OBJECTIVE

Quick learning, team-player, organized, and driven computer science major at UC Santa Cruz seeking a software engineering internship position.

EDUCATION

COMPUTER SCIENCE, B.S., UNIVERSITY OF CALIFORNIA, SANTA CRUZ

EXPECTED GRADUATION DATE: JUNE 2024

- GPA: 4.0
- Relevant Courses: Computer Systems and C Programming, Computer Systems and Assembly Language, Programming Abstractions: Python, Applied Discrete Mathematics
- Dean's Honors List – Fall 2020, Winter 2021, Spring 2021

PROGRAMMING LANGUAGES AND SKILLS

- C# - Proficient
- Lua - Proficient
- C - Familiar
- Java – Familiar

- MIPS Assembly - Familiar
- Application Development
- Problem Solving
- Communication

WORK EXPERIENCE/PROJECTS

PROGRAMMER'S CALCULATOR

JUN 2021 – JUL 2021

- A programmer's calculator created using a JavaScript front end library, React, and a software framework, Electron.
- Contains the ability to perform bitwise operations and convert decimal to other bases.
- Uses the shunting-yard algorithm to perform calculations.

GROUP TUTOR – COMPUTER SYSTEMS AND ASSEMBLY LANGUAGE, UNIVERSITY OF CALIFORNIA, SANTA CRUZ

MAR 2021 – JUN 2021

- Assisted over 100 students with assignments covering Git, logic circuits, and MIPS assembly.
- Helped over 50 students study and prepare for quizzes and exams.

EASY DENTAL VIXWIN BRIDGE

DEC 2020 – JAN 2021

- A C# .NET program that bridges the Easy Dental (a dental practice management program) database with the VixWin (a dental imaging program) database.
- Replaces the bridge program included with VixWin, which is prone to crashing.

VIXWIN INTRAORAL CAMERA INTEGRATION

NOV 2020 – DEC 2020

- A C# .NET program that allows the efficient use of intraoral cameras in VixWin.
- Allows the use of intraoral camera buttons to capture an image.