

# Kyle Parato

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## Education

B.A. Bachelor of Science – Computer Science

California State University, Fullerton

2021-2025

## Technical Skills

Languages:

- Proficiency: C++, Python, Swift
- Rudimentary: C, C#, JS, Bash, SQL, PHP, HTML, CSS, x86\_64 ASM

Tools:

- Proficiency: GitHub, Visual Studio Code, Visual Studio 2019, VirtualBox, Xcode
- Rudimentary: XAMPP, Apache, MySQL Workbench, Unity, Wireshark

Operating Systems: Windows 10/11, MacOS, Debian Linux (Ubuntu, Mint)

## Projects and Experience

**Simple Fitness Tracker IOS App:** Project focus on a lightweight local database design

- Designed back-end database scheme and collaborated on designing user interface
- Implemented local database and connected it to the UI using SwiftUI and Core Data

**File Sharing Server:** Project focus on networking and client server relationship

- Designed a central file server and a method to share files between servers using TCP
- Implemented server design using Python sockets
- Supports any file format and has error checking for edge cases

**Edwards Lifesciences Business Project:** Incoming Work Order System

- Working with a team of students to design and implement a work order system
- Worked with three separate teams to modernize workflow
- Used Microsoft SharePoint and PowerApps to create a system that integrates with existing infrastructure

**Gems n Minerals:** Facilitating the online expansion of a jewelry business

- Consulting to help a local family-owned business expand online by designing a system of management and setting up an online store.