Jack Sheridan

Full Stack Software Engineer

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EXPERIENCE

Odyssey, Chico, CA— *Full Stack Software Engineer*

JULY 2020 - JULY 2021

Contract built a web application that splits an image into a grid, provides each tile to participants, and reassembles an image from the participants' uploaded recreations.

Do All, Remote—Mobile Software Engineer

DECEMBER 2019 - MARCH 2021

Contract built an app that connects via Bluetooth Low Energy to a skeet thrower to 'pull' skeet or randomize throwing angle. Includes voice recognition for hands-off control.

EDUCATION

UC San Diego
JACOBS SCHOOL OF ENGINEERING

UC San Diego — *Masters in Computer Science*

SEPTEMBER 2021 - JUNE 2022

Focusing on Computer Systems depth: software engineering management, database design and implementation, distributed computing and distributed networked systems .

UC San Diego — *Bachelors in Computer Science*

SEPTEMBER 2018 - JUNE 2021

Studied basic software topics, data structures, algorithm design, computability and complexity.

PROJECTS

Assassin— *Full Stack Mobile App*

APRIL 2017 - PRESENT

Built an app and a server that facilitates a competitive last-man-standing tag game.

Triton Dine, UCSD — *Mobile app*

SEPTEMBER 2018 - SEPTEMBER 2021

Built an app that connects to the UCSD dining dollar service and budgets dining dollars for the rest of the school year.

SKILLS

iOS Development:
- XCode Platform
- Swift & SwiftUI
- UIKit
- In App Purchases
- Paid Applications
- App Store Connect Management

Android Development:
- Android Studio Platform
- Java, Kotlin
- XML Layouts
- Google Play Console Management

Web App Development:
- ReactJS
- JavaScript, Typescript
- HTML, CSS

APIs and Backend Development:
- NodeJS/NPM
- Express
- JavaScript, TypeScript
- Nodemon, PM2
- Linux: Debian and Ubuntu
- Nginx Web Server/Reverse Proxy
- JWT Authentication
- WebSockets
- TLS certification with Let's Encrypt

Databases:
- Document DB (MongoDB)
- SQL (PostgreSQL)
- Schema Design
- Database Implementation
- Query Processing
- Query Optimization

OOP:
- C
- C++
- Java