

# Jack Sheridan

[jackrileysheridan@gmail.com](mailto:jackrileysheridan@gmail.com) | [jacksheridan.com](http://jacksheridan.com) | [linkedin.com/in/jack-riley-sheridan/](https://linkedin.com/in/jack-riley-sheridan/)

## SUMMARY

Masters in Computer Science Graduate who has extensive hands-on experience developing fault tolerant, scalable, and performant full-stack systems. Possesses a strong track record of leading and collaborating with diverse international teams.

## EDUCATION

**University of California, San Diego**, June 2022 – Master of Science, Computer Science Cum Laude ~ GPA: **3.9**  
Specialization on Computer Systems: software engineering management, database design and implementation, and distributed networked systems.

**University of California, San Diego**, June 2021 – Bachelor of Science, Computer Science Cum Laude ~ GPA: **3.8**

## EMPLOYMENT HISTORY

**Senior Full-Stack Software Engineer** | Mercury | San Francisco, CA (Remote) July 2024 - Present

- Individual Contributor on the Banking Experience team.
- Working with cross-functional teams developing and enterprise-scale TypeScript and React web application.
- Developing features on one of the world’s largest Haskell code bases.

**Senior Full-Stack Software Engineer** | Citizenly | Portland, OR (Remote) July 2022 - April 2024

- Led an international team designing and building a TypeScript backend infrastructure as well as an extensible relational data model for a large data pipeline.
- Developed a performant internal administrative application in Flutter.
- In charge of all DevOps, as well as automated AWS deployment to S3, Cloudfront, Lambda, RDS, and EC2 .
- Founder & CEO John Horton reference available upon request.

**Full-Stack Software Engineer** | Odyssey Teams | Chico, CA July 2020 - March 2022

- Developed a React web application that handles live team building events and builds a tiled image out of many uploaded images.
- Constructed NodeJS backend server that handles sign in with Google, as well as PNG image upload, manipulation, and download.
- Co-Founder Lain Hensley reference available upon request.

Earlier Employment History available upon request

## PROJECTS

**TritonDine** | [tritondine.jacksheridan.com](http://tritondine.jacksheridan.com) Over 7,000 users

- Developed an app that connects to the UCSD dining dollar service and budgets dining dollars for the rest of the school year.
- Built for both iOS (Swift) and Android (Kotlin)

**assassin** | [assassin.fun](http://assassin.fun) Over 18,000 early users

- An app and a server that facilitates a competitive last-man-standing tag game.
- Utilized an S3-compatible storage system to allow for video upload and in-app player.
- Includes a custom ReST API to interact with a MongoDB database.
- Built for both iOS (Swift) and Android (Kotlin)

## TECHNICAL SKILLS

<b>APIs and Backend Development</b> <ul style="list-style-type: none"><li>ReST, GraphQL, JSON, Protobufs, gRPC, WebSockets, SSE</li><li>Reverse Proxies, Load Management and Distribution</li><li>NodeJS/NPM &amp; Express</li><li>Nginx, Apache</li><li>JWT Signing and Verification</li><li>TLS certification</li><li>Apple, Google Authentication</li></ul> <b>Programming Languages &amp; OOP</b> <ul style="list-style-type: none"><li>C, C++, Java, Python</li><li>Design Patterns</li><li>PowerShell, Linux</li></ul>	<b>Cloud Management</b> <ul style="list-style-type: none"><li>AWS EC2, S3, CloudFront, SAM, Lambda, RDS, NAT, API Gateways</li><li>Google Cloud Console</li><li>Digital Ocean Droplets and Spaces</li></ul> <b>Databases</b> <ul style="list-style-type: none"><li>SQL (PostgreSQL, MySQL)</li><li>NoSQL (MongoDB)</li><li>Extensible Schema Design</li><li>Database Implementation</li></ul> <b>Web App Development</b> <ul style="list-style-type: none"><li>ReactJS, NextJS, SvelteJS, Flutter</li><li>JavaScript, Typescript</li><li>Cookies, authentication manage-</li></ul>	<b>ment</b> <ul style="list-style-type: none"><li>SSR &amp; CSR</li><li>HTML, CSS, PHP</li></ul> <b>Mobile App Development</b> <ul style="list-style-type: none"><li>XCode, Swift, SwiftUI, UIKit</li><li>In-App Purchases &amp; Paid Apps</li><li>App Store Connect Management</li><li>Local &amp; Remote Push Notifs</li><li>Android Studio Platform</li><li>Java, Kotlin, XML Layouts, Jetpack Compose</li><li>Google Play Console Management</li></ul>
--	--	--