

## SKILLS

Languages: Java / JavaScript / C / C++ / C# / Python

Web&Mobile: Node.js, HTML, CSS, REST, Bootstrap, Material Design Lite, React Native, React-Redux, Amazon AWS, OAuth, JWT

Other: Git, Gradle, Agile Development, Team Leadership

## EXPERIENCE

Altum LLC    *Software Engineering Intern*    6/2016-9/2016

- Developed mobile application front end with React Native framework and Redux state model in Typescript.
- Wrote backend server functions in JavaScript and AWS Lambda to connect with user social media.
- Added real time location tracking, data storage, and authentication with OAuth, Firebase, and Node.js.

Altum LLC    *Development Team Lead*    9/2016-Present

- Manage a team of 5 student engineers as scrum master and developer at a startup funded by the UC San Diego Von Liebig Entrepreneurism Center
- Build websites using HTML/CSS/MDL and JavaScript to support file upload and storage as well as email authentication
- Develop android/iOS apps with Node.js and React-Redux

## ADDITIONAL PROJECTS

**Ekco**: Mobile application made with Node JS that allows users to instantaneously connect to various social media platforms of other nearby users. Accounts can be authenticated through supported platforms, and the app will keep track of users that you choose to connect with. Hundreds of unique accounts have been registered.

**Artillects**: Multiplayer and multiplatform game written in C# for mobile and PC. It features online matchmaking with randomly generated 2D maps and different weapons.

**Couple Tones**: Android application built with Java in Android Studio. The app allows users to check in at custom locations and view the travel history of their partners.

**Space Hunt**: Local multiplayer game adaptation of the Hunter's Dilemma. A four player demo was presented to a game design class. Created in C#.

**Fruit Tree**: Mobile application created with Node JS designed to demonstrate usage of react with the redux state model.

**IGMC 2015**: Lead programmer in a team with a musician and artist. Used visual scripting to create a five level action game entry in one month for an indie contest.

## RELEVANT COURSES

Operating Systems, Design & Analysis of Algorithms, Advanced Data Structures, Theory of Computation, Programming Languages Principles and Paradigms, Database Systems and Principles, Computer Architecture, Computer Organization & System Programming, Software Engineering.