

# Jack Belding

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## Work Experience

### **Mobile Application Developer – Codagami – Remote**

*February 2022 – Present*

- Developed a native Android/iOS application by implementing stories, localizing features, and triaging defects resulting in 40 million downloads in 2022 totalling 127 million downloads globally.
- Responsible for delivering weekly app builds using Jenkins and Github to support continuous integration practices.
- Collaborated with a team of developers by holding daily meetings and following agile methodology resulting in efficient product development.
- Managed a specific market configuration repository using bitbucket for app market localization.
- Interfaced with multiple external teams by attending daily meetings as company representative to enable cross-product development.

### **Founder – Alpine Software – Rochester, Michigan**

*October 2022 – Present*

- Released two native iOS, monetized apps using StoreKit to App Store.
- Designed and implemented a Spotify playlist creation tool, “Algorhythm”, leveraging SwiftUI, Realm, and Apollo Framework available on App Store.
- Created a streaming client for DJ livestreams leveraging UIKit, AVKit, Firebase, and AWS available on App Store.
- Gathered user feedback and bug reports by distributing app demos with analytics for improved user experience and a more robust product.
- Created UI mockups using Figma for efficient UI prototyping.

### **UI/UX Intern – Eisen Electric Corporation – Okemos, Michigan**

*February 2021 – August 2021*

- Developed a real-time, low-latency, event-driven, GUI using C++/Win 32 API for an embedded medical device.
- Strengthened a C++ desktop testing application by implementing new features, expanding existing functionality, and updating the user interface for debugging new software.
- Collaborated as a team by meeting to analyze project needs, brainstorm steps to solutions, and delegate programming tasks to meet project time and cost constraints.

## Education

### **Michigan State University – Bachelor of Science in Computer Science**

*September 2017 – December 2021*

- GPA: 3.43
- 2017 Dean’s List, 2018 Dean’s List

### **Michigan State University Capstone Experience – Malleable Minds**

*September 2021 – December 2021*

- Converted a Flask backend to serverless by writing 35 AWS Lambda queries resulting in nearly a 4x speed improvement.
- Implemented a website recommendation engine using machine learning algorithms to provide personalized content based on the user’s liked and viewed content to create meaningful interactions improving user experience.

## Affiliations

### **Southfield Firefighter Charity Shoot**

*September 2016 – May 2017*

- Organized prizes and gathered donations from local businesses yielding \$6,500 for the event.
- Interacted with event guests to further increase charitable contributions to reach event goals.

### **Michigan State Alpine Ski and Snowboard Team**

*2017 – 2021*

## Technical Skills

- |               |              |                     |                    |            |
|---------------|--------------|---------------------|--------------------|------------|
| • Swift       | • Java       | • C/C++             | • Realm DB         | • REST API |
| • Kotlin      | • JavaScript | • SwiftUI           | • GraphQL          | • Firebase |
| • Objective-C | • Python     | • UIKit/Cocoa Touch | • Apollo Framework | • AWS      |