

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.
- Responsible for managing two platform specific production market configuration repositories for app market localization.
- Interfaced with multiple external teams by attending daily meetings as company representative to enable cross-product development.

Founder – IntelliJams – Rochester, Michigan

October 2022 – Present

- Released two native iOS, monetized apps using StoreKit to App Store.
- Designed and implemented, and shipped 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 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.
- Implemented multithreading algorithms using synchronization for shared access to local data.

Education

Michigan State University – BS in Computer Science

September 2017 – December 2021

- GPA: 3.43

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 (proficient), **Kotlin** (basic), **Obj-C** (basic), **Java** (intermediate), **JavaScript** (basic), **Python** (intermediate), **C/C++** (proficient), **SwiftUI** (intermediate), **UIKit/Cocoa Touch** (intermediate), **Realm DB** (intermediate), **GraphQL** (intermediate), **Apollo Framework** (basic), **REST API** (intermediate), **Firebase** (intermediate), **AWS** (intermediate)