Jack Belding

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Work Experience

Mobile Application Developer – Codagami – Remote   *February 2022 – Present*

- Developed a native Android/iOS restaurant app by implementing stories, localizing features, and triaging defects resulting in 40 million downloads in 2022 totalling 127 million downloads globally.
- Utilized Jenkins and Github for delivering weekly app builds, supporting continuous integration practices and efficient development processes.
- Collaborated with a team of developers, conducting daily meetings and following agile methodology to streamline product development.
- Managed two platform-specific production market configuration repositories, enabling app market localization.
- Represented the company in daily meetings, facilitating cross-product development and coordination with external teams.

Founder – IntelliJams – Rochester, Michigan   *October 2022 – Present*

- Released two monetized native iOS apps on the App Store, leveraging StoreKit for seamless in-app purchases.
- Designed and implemented "Algorhythm," a Spotify playlist creation tool, using SwiftUI, Realm, and Apollo Framework, providing users with an intuitive and personalized music experience.
- Created a streaming client for DJ livestreams on the App Store, incorporating UIKit, AVKit, Firebase, and AWS technologies for robust and immersive audiovisual content delivery.
- Implemented Test Flight distribution with analytics to gather user feedback and bug reports, leading to improved user experience and product stability.
- Utilized Figma for UI mockups, facilitating efficient UI prototyping and design iteration.

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*

- Successfully converted a Flask backend to a serverless architecture by writing 35 AWS Lambda queries, resulting in a nearly 4x speed improvement in page load time.
- Implemented a website recommendation engine using content-based filtering to provide personalized content based on the user's liked and viewed content to create meaningful interactions and improved 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)