

Max Isom

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Education

- **Michigan Technological University**, BS in Computer Science with a minor in Mathematics, current GPA **3.77**, 2021 anticipated graduation
- Certificate of Merit from Michigan Tech Mathematics Department

Experience

Software Dev. Intern @ JopeConnect (2020)

- Developed a mobile app for iOS and Android that included messaging and video call functionality
- Used Agile methodology
- Utilized AWS, Semaphore CI/CD, React Native, and Git

Software Dev. Intern @ JopeConnect (2019)

- Architected and developed the backend of an IoT smart home app, acted as a hub for multiple different manufacturers and device types
- App supported device triggers, routines, and schedules
- Utilized AWS, Serverless, Semaphore CI/CD, testing frameworks, Node.js, and Git
- Used Agile methodology
- Collaborated with a global team, integrating backend with Alexa and app

Machine Operator @ Seagate (2018)

- Supported operations for hard drive head wafer manufacturing

Cashier @ Microcenter (2017)

Projects

- XKCDY, a modern and open source iOS client for XKCD
 - Written in SwiftUI
 - Focused on providing an extremely polished user experience
 - ~3.8k downloads
- TuyAPI, a collaborative open-source ecosystem
 - Enables control of low cost IoT devices
 - Utilizes an event driven, asynchronous methodology
 - More than 100k NPM installs of related packages
- A scratch-built website for a Michigan Tech club, the Film Board
 - Uses Next.js
 - Implements a custom CMS for adding new movies and editing pages

Skills

