

Max Isom

hi@maxisom.me  

Education

- **Michigan Technological University**, BS in Computer Science with a minor in Mathematics, current GPA **3.72**, fall 2021 anticipated graduation
- Certificate of Merit from Michigan Tech Mathematics Department

Experience

Research Assist. @ Michigan Tech (2020-21)

- Developed a [desktop app](#) to assist accessibility software users upload data for research purposes
- Utilized AWS, Electron, and GitHub Actions

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

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
- See maxisom.me for more details

Skills

