

# MICHAEL USHER

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## Education

### Master of Science | Major: Business and Information Systems

New Jersey Institute of Technology | September 2023 - Expected May 2026

### Bachelor of Science | Major: Computer Science Minor: Data Science

Drew University | Graduated Spring 2023

## Technical Skills

**Programming and Markup Languages:** Java, Python, JavaScript, Typescript, C, C++, C#, Dart, HTML, CSS, R, SQL

**Databases:** Microsoft SQL, MySQL, PostgreSQL

**Web Technologies and Frameworks:** React.JS, Node.JS, Next.JS, Flutter, Socket.IO

**Cloud/Devops/Tools:** Supabase, Firebase, Vercel, Github, Git, Expo Go, .NET, Eclipse, VSCode, PyCharm, Jira, Slack, Microsoft Office Suite, Google Workspace, VMWare, Tableau, ChatGPT, OpenAI API

## Technical Projects

### Logos | Creator and Developer | Present

Logos is a social media platform that allows users to send real-time messages via E2E encryption and make public posts that other users may interact with. I designed and developed Logos using JavaScript, HTML, CSS, React Native, Vercel, TypeScript, and Expo Go, giving it a smooth cross-platform experience on both iOS and Android. Authentication, database management, and backend services are powered by Supabase, enabling secure user login, real-time updates, and scalable storage.

### BudgetingApp | Creator and Developer | March 2026

BudgetingApp is a mobile application I developed that gives the user basic financial advice. Because BudgetingApp has been developed in Dart and Flutter, it is able to work on both iOS and Android.

### Bitcoin and Gold Analysis with ML | Creator and Developer | February 2026

A live Bitcoin and Gold dashboard with interactive charts, BTC/Gold ratio, and DCA calculators, featuring a pure JavaScript client-side ridge regression model that uses log returns, RSI, momentum, and volume to generate multi-horizon price predictions.

### HaroldBotAI | Creator and Developer | February 2026

HaroldBot is a Discord bot that provides AI chat, timed polls, and automatic moderation. It responds to users conversationally, creates polls with automatic results, and enforces server rules by punishing spam and banned words while allowing owners to restore users.

## Related Work Experience

### RiverData App | Software Developer Intern | January 2023 - May 2023 | Remote

RiverData is a React Native app that provides real-time river conditions across the U.S. for activities like fishing and kayaking. I contributed by developing the "Info Tab" page. The app was built using JavaScript, HTML, CSS, Expo Go, and GitHub.

### FIXDUP TECH & REPAIR | Software Developer Intern | September 2022 - December 2022 | Remote

FIXDUP TECH & REPAIR is a device repair shop specializing in smartphones, tablets, and computers. I developed their website's shopping cart system using JavaScript, HTML, CSS, React.js, Stripe API, and GitHub.

### Geek Squad | Consultation Agent | January 2025 - Present | Bridgewater NJ

As a Consultation Agent at Geek Squad, I served as the first point of contact for customers seeking tech support. I assisted with basic troubleshooting, checked in devices for repair, provided product guidance, and handled administrative tasks like processing returns and coordinating with repair teams to ensure a smooth and efficient service experience.

### Dorothy Young Center | Audio and Visual Technician | October 2022 - May 2023 | Madison NJ

As an Audio and Visual Technician, I set up equipment for clients, monitored and adjusted it in real time to ensure clear on-stage performance, and carefully packed it away afterward.