# Lucas LaRocco

Software Engineer

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## OBJECTIVE

My objective is to work as a Software Engineer. I have a B.S in Software Engineering from Milwaukee School of Engineering. I am proficient in Typescript, React,, Git, HTML, CSS, and SQL, but I am not limited to those languages and frameworks alone.

## EXPERIENCE

### IO Technologies | Butler, WI
*Software Engineer | 2022 - Current*
- Design, develop and maintain full stack applications for clients using various frameworks and libraries
- Provide technical consulting and support to clients, ensuring solutions meet their business needs and technical requirements.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Technologies: React, Next.js, Node.js, C# .NET, Php, Laravel, Python

### CyberTimez | Crystal City, VA
*Software Engineering Intern | 2019*
- Participated in the design and development of an Android Application, prototyping, troubleshooting, and testing
- Worked with development engineer to test product features and functions
- Supported team to review problem report solutions

## PROJECTS

### Typeo - (React, Typescript, NodeJS, Firebase, Websocket)

An online competitive typing website that I launched in May of 2022 and has over 400 users.. The goal of this project was to use in-depth statistics to help typists of all kinds improve their skills. The website uses a NodeJS backend with a Cloud Firestore database, paired with a React front-end and Firebase for user authentication

### Drone Link - (React, NodeJS, MQTT, RethinkDB)

I worked in a team of five to create an all-in-one system to manage and track drone races. The Kanban model was utilized using 3-week cadences. The scope of this project included hardware and firmware selection, and software design and development.

**Esports Team Bot - (NodeJS, Discord.js, MongoDB)**

As a member of the Esports team at Milwaukee School of Engineering, my objective was to entice players to practice fundamental skills. I utilized NodeJS along with a MongoDB database to make a Discord bot that rewards players for practicing and allows them to compete against each other for prizes. Heroku is used to host the bot.

## EDUCATION

**B.S in Software Engineering**, Milwaukee School of Engineering (MSOE)
Graduation Date - May 2021

## LANGUAGES / FRAMEWORKS

React, Next.js, Node.js, Typescript, Javascript, HTML, CSS, Php, Laravel, Git, Postgresql, SQL Server, Firebase, Python, Java, C++

## TECHNICAL SKILLS

Data Structures, Algorithms, SQL, Databases, Agile / Scrum, REST, TDD, Docker, CI/CD, AWS, Azure

## CORE COMPETENCIES

Attention to detail, Problem-solving, Communication, Teamwork, Computer programming, Coding, Multitasking