

# Lucas LaRocco

**Phone - (331) 262-2065 | Email – lucas.larocco@gmail.com**

## OBJECTIVE

Looking for a full-time position to further sharpen my communication skills and team building within a business environment to learn and use new technologies helping me to increase my dedication and passion for a career in Software Engineering.

## EDUCATION

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### **Milwaukee School of Engineering ( MSOE ) – Milwaukee, WI**

Bachelor of Science in Software Engineering (BSSE)

Graduated - May 2021

#### Languages Learned:

- Javascript
- React
- HTML/CSS
- SQL / NOSQL
- Java
- C / C++

#### Important Topics:

Data Structures  
Agile / Scrum  
Cybersecurity  
Network Protocols  
Algorithms  
Databases

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## PROJECTS

### **Typeo - (react, typescript, node.js, postgresql, firebase, websocket)**

A personal project that is an online competitive typing website. The goal of this project was to create a more usable and aesthetic website than the current competition. I hired a friend of mine to work on this project and I use GitLab to assign tasks. The website uses a node.js backend paired with a react front-end and Firebase to store information about user accounts.

### **Drone Link - (react, node.js, mqtt, rethinkdb)**

Working in a team of five to create an all in one system to manage drone races. We are working under the Kanban model using 3-week cadences. We handle everything from the hardware, firmware, and software to provide a modern web interface for easy tracking of the races.

### **Esports Team Bot - (node.js, discord.js, mongodb)**

As a part of the esports team at Milwaukee School of Engineering we were looking for a way to entice players to practice fundamental skills. I individually made a Discord bot that rewards players for practicing and allows them to compete against each other for prizes. The bot uses Node.js with a MongoDB database. Heroku is used to host the bot.

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## WORK EXPERIENCE

### **Software Intern - CyberTimez - Crystal City, VA**

**Summer 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