

# Kyle Liebler

Miami, FL  
954-536-0075

liebler@umich.edu  
liebler.xyz

---

## BE Student | University of Michigan

Student majoring in electrical engineering with a large concentration in computer science in my junior year at the University of Michigan. Currently seeking a summer internship.

### Skills

C++  
Flutter  
HTML5

Java  
Microcontrollers  
Arduino

Matlab  
Node.js  
CSS3

### Experience

#### DEVOPS (Intern)

Nov 2019 – Present

DataHub, LLC, Chicago, IL

- Currently training and acquiring certifications. Role involves integrating customers' workflow to hybrid cloud infrastructure using Red Hat OpenShift (based on Kubernetes)

#### RESEARCH

Sep 2019 – Present

RHE Lab U-M, Ann Arbor, MI

- Currently tasked with creating a mobile application using Wi-Fi signals to simulate ionized radiation sources and map using a SLAM implementation.
- Mobile application development in Flutter.

#### SOFTWARE DEVELOPER (Intern)

Jun – Aug 2017

Entrepidus, Miami, FL

- Under direction of Entrepidus leadership, created full-stack client data analysis system
- Final product using HTML 5, CSS 3, Javascript, Node.js, and MySQL.

#### MISSIONARY

June 2015 – July 2018

Casa Hogar, Mexico

Restoration Atl, Atlanta, GA

- Cared for orphans and participated in construction and demolition projects in Mexico
- Provided live-in housekeeping and worked as summer and after school counselor
- Cooked for and provided shelter for battered women in the Atlanta area

### Projects

#### Autonomous Drone

Programmed drone to fly autonomously through undefined obstacle course in C++. Created software in Java to project course onto 2D map using relative positions obtained from LIDAR.

#### MagSpoof

Created modified version of device that wirelessly emulates any swipable card by replicating its magnetic field. Modeled after device created by security researcher Samy Kamkar. Built in C++.

### Education

#### Bachelor of Engineering (In Progress)

Class of 2022

University of Michigan

Electrical engineering major with concentration in computer science. Currently at a 3.3 GPA.

#### Associate of Arts (4.0 GPA)

Class of 2018

Broward Collage

Participated in a full-time dual enrollment program during high school where all courses were taken at Broward College in order to receive an AA degree.