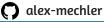
# Alexander Mechler

### Software Engineer

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alexwritescode.com



## Education

## Rochester Institute of Technology

BS Software Engineering GPA: 3.7

May '21

# **Experience**

#### Datto

Incoming Software Engineering Intern June '18

#### FRC Team 1126

Lead Software Engineer Jan '13 - June '16

- · Lead a team of 5 students in the development of a robotics control system in 6 weeks
- Managed the team GitHub
- Communicated with the mechanical and electrical teams to discuss new requirements, clarify use, and update progress

# **Activities**

#### **Humans Vs Zombies**

Website Chair

Jan '18 - Now

Maintained the club website used to run the weeklong, campus wide game played by 300-700 players

Maintained stack of Ember-NodelS-SQL

## Society Of Software Engineers

Member Aug '16 - Now

# **Projects**

#### Player-Tracker

Ian '18 - Now

- Clientless bot for the game Realm of the Mad God
- Tracks a user defined list of players as they move across various in-game servers and realms
- Alerts users in game of updates, as well as providing updates on demand
- Maintains 20+ connections with the game to ensure 100% server coverage
- · Built in NodeJS

#### Realm Tracker

Ian '18 - Now

https://github.com/alex-mechler/realm-tracker

- Realm Tracker is a client-sided drop tracker for the game Realm of the Mad God
- Simple, clean UI for ease of use without interrupting game play
- Modular design allows for easy updates to correspond with game updates
- Built with Ember and Bootstrap

## TripMeBabu

Ian '18

https://github.com/cms2146/TripMeBaby

- Worked in a team of 4 to make an Alexa Skill and Web App to give activity recommendations for users based on a variety of parameters
- · Developed the Alexa Skill as well as the common backend for both interfaces
- Wrote a RESTful API in NodelS using Express to interface and process data from the Google Places API

# **Skills**

## Languages

Java, Python, Ruby, Javascript, Tupescript, C

## Frameworks

NodelS, Bootstrap, Flask, Django, JQuery, Alexa Skills

#### **Tools**

Sublime3, Git, Github, SVN, Heroku, AWS Lambda, Redis, SQL, SQLite