

Braden Bowdish

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Github: <https://github.com/bmbowdish>

Objective

- Seeking a Software Engineering or Computer Science related Co-Op for Summer and/or Fall of 2017 and Spring and/or Summer of 2018.

Basic Information

- Rochester Institute of Technology. Bachelors of Science, Computer Science. Expected Graduation: 2020

Relevant Classes

- Data Structures
- Object Oriented Programming
- Mechanics of Programming
- Intro to Software Engineering

Projects

- **Event Keeper**, (github.com/bmbowdish/Event-Keeper), Event Keeper takes attendance during Computer Science House meetings. Event Keeper is built using an Arduino to read iButtons, and a Raspberry Pi to manage current events that are pulled down from a Google Calendar, Fall 2015.
- **LED Matrix**, <https://github.com/bmbowdish/LED-Hackathon-Matrix>, LED Matrix. Four buttons can move which LED is turned on. A fifth button helps choose between two modes where the 4 buttons work differently. I also learned about Matrix Multiplexing so any combination of lights can be turned on with the matrix. Most recently, I have begun adding the functionality of using a controller to control which LEDs turn on, Fall 2016.
- **Web Checkers**, Online Checkers game built in java using the Spark framework. Working with four other developers for 15 weeks. Currently being implemented, Spring 2017.

Work Experience

- **TD Alfredo's Pizzeria**, Worked as a Cashier in a local Pizza shop, Summer and Winter of 2016.

Technical Skills

C, Python, Java, Git, Github, \LaTeX

Extracurriculars

- Computer Science House, a living-learning community for people interested in computers and other forms of technology.