

# Ezra Boley

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## Involvement

### ***Badgerloop / Software Team Lead / September 2017 – Current***

- Put together a team workflow and did work across a Nodejs stack
- Built a dashboard for all the Hyperloop Pod's information in Electron that will be reusable for our future team
- Created a REST API to communicate with an Express server located in the Pod

### ***Badger Volunteers / Grounds Keeping Team Leader / January 2017 – December 2017***

- Previously volunteered 3 hours per week at the St. Vincent DePaul food pantry, assisting customers, stocking shelves
- Grounds keeping team leader starting September 2017

## Work Experience

### ***UW-Madison College of Engineering / Student Ambassador / January 2018 – Current***

- Giving tours to prospective students and their families
- Presentations given to groups of over 100 people

### ***Mary T / Direct Service Professional / May 2017 – August 2017***

- Assisted multiple clients in everyday tasks such as food preparation, running errands, and medicine administration
- Worked one on one with people who had experienced traumatic brain injuries

## Education

### ***BS Computer Engineering Candidate / May 2020 / UW Madison***

- Double Major: Computer Engineering & Computer Science
- Direct admission into College of Engineering
- GPA: 3.60 / 4.00
- CoE Breaking the Bias Habit Workshop

### ***High School Graduate / June 2016 / Henry Sibley High School***

- GPA: 3.67 / 4.00
- AP Scholar with distinction by junior year
- 3 years as captain of the Speech and Debate team

## Skills & Abilities

### ***Programming***

- 2 years of in-class experience in Java
- Working on learning JavaScript and Node.js with Electron.
- Experience working in Python, C, C++, and JavaScript and in using Git

### ***Personal Projects***

- Designed and built automatic light control system for my dorm room using two Arduinos, a 5V relay, and proximity sensors
- Created a personal website using React
- Continuing to learn any new skills needed for leading the Badgerloop Software Team

### ***Relevant Course Work***

- CS367 – Data Structures
- CS354 – Machine Organization
- CS540 – Introduction to Artificial Intelligence
- ECE352 – Digital Systems Fundamentals

### ***Miscellaneous***

- Lived overseas in Switzerland for 5 years, and attended Zurich International School
- Hobbies are programming, tinkering, biking, and camping
- Intermediate German language skills