

# ETHAN YI

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## OBJECTIVE

To obtain a software development co-op. Available to start from August 2021.

## EDUCATION

### Rochester Institute of Technology

Expected December 2022

Bachelor of Science: Computer Science

GPA: 3.95/4

Rochester, NY

## PROFICIENCIES

- Python: pandas • NumPy • scikit-learn • matplotlib • BS4
- JavaScript: React.js • Node.js
- HTML / CSS
- C / C# / C++
- Java
- MongoDB
- SQL
- Bash
- MATLAB/ R
- Linux

## PROJECTS

### To-do List

May 2021

- A web application that allows users to create their own to-do lists and share them with public links.
- Developed with HTML/CSS, Node.js
- Data stored on MongoDB Atlas, hosted on Heroku
- ethanyi.dev

### GPS Classifier

June 2021

- A classifier that takes in GPS data from driving and outputs a Google Earth file displaying various classifications
- Classifications include where the car parked, hit stop signs or speed bumps, or went uphill or downhill.
- Created with python, scikit-learn, pynmea, and numpy.

### Webcheckers

July 2020

- Online multiplayer game where users could login and play Checkers against each other
- Featured spectating, replays, and scoreboards
- Operated on Agile Software Development with SCRUM
- Utilized Java 8 and Spark, a web micro-framework.

## AWARDS

### Dean's List

Fall 2019, Spring 2020, Fall 2020, Spring 2021

### RIT Presidential Scholarship

## ACTIVITIES

### Lambda Phi Epsilon, INC - Webmaster, Academic Chair, Philanthropy Chair

Fall 2020

Maintained ritlambdas.com, hosted tutoring sessions, and hosted numerous philanthropy events on campus

### Blockchain Technology Club - Member

Fall 2020

### RIT Artificial Intelligence - Member

Fall 2019