

# BRENDEN WAITS

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## EDUCATION

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**Georgia Institute of Technology** | Atlanta, GA 2018 - 2021  
Pursuing a B.S. in Computer Science GPA: 3.42

- **Coursework:** Data Structures & Algorithms | Machine Learning | OOP | Objects & Design
- Berlin Summer 2019, College of Computing Study Abroad

## PROJECTS

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**Bus Route Visualizer** | Club Project 2018 - 2019  
Real time visualization tool for all running MARTA busses across Atlanta

- Used Flask to write an API to gather, save, and serve bus data from MARTA
- Worked on the design and creation of the visualization webpage

**eSourceLaser** | Solo Project 2017 - 2019  
Laser cutting supply chain management platform

- Utilized Python and Django to create a backend service
- Implemented payment and shipping integration using Stripe and the UPS API

**Garage Door Controller** | Solo Project 2018  
A Raspberry Pi script that creates a web page to control a garage door remotely

- Developed safety sensor recognition and mobile controlling with current door positioning using WSGI

## CLUBS & LEADERSHIP

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**Big Data Big Impact** | Platform Team Lead 2018 - 2019

- Manage and mentor a team of 15 engineers who are building 3 APIs
- Lead workshops on basic API construction and containerization
- Work with a \$1600 organization platform budget

**Robojackets** | Battlebots - Team Maori 2018 - 2019

- Designed, assembled, and competed a 3 lb drum spinner in two competitions
- Currently working on a 30 lb beater bar

## SKILLS

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Most experienced with	Java   Python   Django
Some experience with	JavaScript   L <sup>A</sup> T <sub>E</sub> X
Dabbled in	Scala   Flask   Scikit-learn

Fun fact: I have a real estate salesperson license in Georgia

## WORK EXPERIENCE

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**Micro Consultants** | Intern 2017

- Assembled and installed workstations and servers
- Configured both Windows and Unix operating systems