Brenden Waits

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education

Georgia Institute of Technology | Atlanta, GA   2018 - 2021
Pursuing a B.S. in Computer Science   GPA: 3.57

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

experience

Expedia Group | SDE Intern   2020

Big Data Big Impact | Platform Team Lead   2018 - 2020

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

projects

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

extracurriculars

Robojackets | Battlebots - Team Maori   2018 - 2020

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

skills

Languages: Java | Python | C | Scala | JavaScript
Technologies: Django | Scikit-learn | Flask | Git

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