Brandon N. Dubner

brandondubner@gmail.com

(954) 821-1998

Education

Carnegie Mellon University Pittsburgh, PA   **Expected Graduation December 2020**
B.S. Electrical and Computer Engineering
GPA: **3.32/4.00**

Work Experience

- **Answers Ahead** Software Engineering Intern   **June 2019 - August 2019**
  - Changed the backend framework from Play to Spark for compatibility with Docker
  - Created a Bitbucket Pipeline to automatically deploy to AWS Elastic Beanstalk and AWS Lambda
  - Reduced server costs by $50/month
- **Answers Ahead** Software Engineering Intern   **June 2018 - August 2018**
  - Learned Javascript and jQuery to fix various frontend bugs
  - Implemented functionality to analyze patient registry data utilizing Amazon DyanamoDB

Skills

- Programming Languages: Java, Python, C, Javascript, HTML, CSS
- Frameworks/Platforms: Django, Docker, jQuery, Amazon Web Services, Google Cloud

Relevant Coursework

- 17-480: API Design and Implementation
- 18-330: Introduction to Computer Security
- 17-437: Web Application Development
- 17-214: Principles of Principles of Software Construction

Projects

- 17-480 Final Project: **Amazon S3 Client API Redesign**
  - Discovered and fixed numerous shortcomings in the AWS S3 Java Client API
  - Implemented and tested a working version of our improved API
- 17-437 Final Project: **CMU Craigslist**
  - Developed and launched a web application with Craiglist's functionality in a team of 3 using the Django framework, SQLite database, Javascript, Python, and Google Cloud's Maps API.
  - Created a map that finds address of a location using the Google Cloud Maps API.

Extracurricular Activities

- Hillel Jewish Students Association
  - Oversaw logistics for events and served as an authorized signer
  - Made and Maintained budget for upcoming year
  - Collaborated with other Executive Board members to plan events and refine Organizational Structure
- Alpha Epsilon Pi Fraternity
  - Acted as liaison between Housing Services and household of 50+ students.
  - Managed maintenance and legal compliance of the household