

Education

Cornell University

Ithaca, NY

BA in Computer Science, Economics; GPA: 4.0

Aug 2018 - May 2022

Professional Experience

Airtable

San Francisco, CA

Software Engineer

Aug 2022 - Present

- Developed an enterprise feature for data import exceeding existing record limits.
- Achieved cost savings of over \$100k by enhancing log ingestion and retention, and optimizing metric cost.
- Implemented an error-alerting framework to address previously unmonitored route failures.
- Designed attribution frameworks aiding engineers in precise code attribution.
- Incident commander during critical production incidents, ensuring quick resolution and minimal downtime.

Cornell University Teaching Assistant, CS 4820: Introduction to Analysis of Algorithms Jan 2022 - May 2022

- Conducted weekly office hours and discussion sessions, clarifying algorithm concepts for students.
- Assisted students with exam preparation, simplifying complex concepts to enhance understanding.
- Managed grading responsibilities, providing constructive feedback to support student learning.

Cornell University Program Board

Executive Board Chairperson

Jan 2019 - May 2022

- Led a team of six to select speakers and comedians for university events.
- Used Figma and Adobe Illustrator to design posters and promotional content for events.
- Supervised 25-30 volunteers per event, ensuring smooth execution through effective delegation.

Oak Hill Advisors

Software Engineer Intern

June 2021 - Aug 2021

- Migrated the financial reporting database from SQL Server on EC2 to DynamoDB, and implemented serverless functionalities with AWS Lambda, resulting in annual savings of \$80k.

Skills and Interests

Programming Languages Proficient in TypeScript/JavaScript, Python; Experienced in C++, Java, C

Frameworks and Libraries NumPy, TensorFlow, React, Terraform

Interests Artificial intelligence, Computer vision, Public transit and infrastructure

Projects

gov2me

<https://gov2me.com/>

- Indexing local and state government legislation in a team of two
- Built AgendaPal, a local government legislation tracking tool
- Interviewed potential users working for advocacy groups to understand their use case

Meal Plan Mobile Ordering

<https://github.com/buzaidj/Mobile-Ordering>

- Designed and built a mobile ordering platform used during COVID-19 by my fraternity of 80 members
- Communicated with our chef and used my restaurant experience to create an intuitive kitchen-ticket solution
- Developed a robust back-end system running on a Raspberry Pi that efficiently handled order validation, printing, and confirmation/failure notifications
- Monitored and continually optimized the platform to enhance stability and resolve occasional crashes and duplicate order issues, ensuring smooth operation and user/chef satisfaction