

James Buzaid

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Twitter: @jbuzzy00; GitHub: buzaidj

Education

Cornell University

BA Computer Science, Economics; GPA 4.0

Ithaca, NY

Aug 2018 | May 2022

Professional Experience

Airtable

Software Engineer

San Francisco, CA

Aug 2022 | Present

- Saved \$100,000s of dollars by resolving issues with log ingestion and optimizing metric storage
- Created an error alerting framework targeting previously un-alertable route failures
- Built attribution frameworks and enabled engineers to better attribute their code
- Proven Incident Commander with a record of ensuring swift resolution with minimal downtime

Cornell University

Introduction to Analysis of Algorithms TA

Jan 2022 | May 2022

- Conducted weekly office hours and led discussions to help students master key techniques and concepts in algorithm design and analysis
- Developed strong interpersonal skills in helping students with homework and exam preparation, effectively communicating complex concepts and breaking down challenging problems
- Graded exams and homeworks in a timely manner and provided constructive feedback to aid learning

Cornell University Program Board

Executive Board Chairperson

Jan 2019 | May 2022

- Worked with a team of six to decide which speakers and comedians we would like to see at Cornell
- Met deadlines in designing promotional material with Figma and Adobe Illustrator for upcoming shows
- Ensured shows run smoothly by managing and assigning roles to 25 to 30 volunteers each show

Oak Hill Advisors

Software Engineer Intern

June 2021 | Aug 2021

- Rewrote and converted existing financial reporting codebase from a traditional EC2 to AWS Lambda to save \$80,000/year

Skills and Interests

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

Frameworks and Libraries NumPy, TensorFlow, React, Terraform, CSS

Interests Machine learning, Front-end development, Anthropology, Public Transit Infrastructure and Planning

Projects

Banana Split - Split the Bill TypeScript

<https://bananasplit.app/>

- Worked with a team of three to build an app to make it easier to split large complicated bills at restaurants
- Leveraged Google Cloud Vision and regex for parsing restaurant receipts accurately and quickly
- Developed app functionalities that streamline the process of splitting bills among friends, including the ability to select items, a "birthday" mode, share a link, and receive Venmo payments.
- Conducted user testing with friends to refine product fit and user experience, resulting in improved app features and increased engagement.

Meal Plan Mobile Ordering Python

<https://jamesbuzaid.com/#mobile-ordering>

- Designed 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