James Buzaid

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Education

Cornell University Ithaca, NY
BA Computer Science, Economics; GPA 4.0 *Aug 2018 | May 2022*

Professional Experience

Airtable San Francisco, CA
Software Engineer *Aug 2022 | Present*
- Built out observability tooling and systems for engineers
- Saved $100,000's of dollars by optimizing log storage policies and metric ingestion
- Created and iterated on an alerting framework targeting previously ignored and un-alertable route failures
- Onboarded six engineering teams to an error attribution framework

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*
- Work 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
- Ensure 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 SQL server to AWS Lambda to save $50,000/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