Evan Maus

evan_maus@berkeley.edu | [Personal Site](#) | [LinkedIn](#) | [GitHub](#) | 740-971-8762 | Berkeley, CA

Core Competencies

Full-Stack Engineering: Fast, reliable applications with TypeScript, Next.js, Python, and PostgreSQL.
Production & Data Systems: Production software for 200+ users with real-time features and data pipelines.
Engineering Practice: Learn new tools quickly while writing clean, maintainable code.

Education

University of California, Berkeley   Graduate in May 2027
B.A. Data Science & Economics | Minor in Computer Science

Relevant Coursework: Data Structures; Introduction to AI; Principles & Techniques of Data Science; Probability for Data Science; Linear Algebra; Advanced Econometrics; Microeconomics; Macroeconomics; International Trade

Experience

Breakout Study Tool | Berkeley, CA   Apr 2025 – Present
Full-Stack Engineer   *Learn More*
- Built a Duolingo-style platform to learn a breakout stock-trading strategy with real charts and simulations.
- Shipped a production product used by 200+ traders through iteration with Reddit and X.com communities.
- Engineered interactive React/Next.js charting and drill flows with sub-80ms interactions.
- Developed Python pipelines to ingest and normalize large-scale market data.
- Designed analytics to track accuracy, performance metrics, and study behavior.
- Implemented secure auth, rate-limited APIs, and CI/CD with >99% uptime.

LLM Energy Benchmark | Berkeley, CA   Aug 2025 – Present
AI Infrastructure Researcher   *Learn More*
- Initiated and built a benchmark to study how prompt features affect LLM energy use and performance.
- Processed 1M+ chats and 20k+ measurements independently, engineering 30+ linguistic features with CodeCarbon.
- Analyzed efficiency tradeoffs across model types and advanced a self-driven paper and open dataset.

North Central Ohio Pollinator Pathway & Sustainable Delaware Ohio | Columbus, OH   Jan 2024 –Aug 2024
Full-Stack Developer
- Sole developer for 2 local environmental organizations, leading technical decisions with non-technical leaders.
- Owned development and deployment with a focus on reliability and maintainability.
- Built secure auth, analytics, and cloud deployments to improve visibility and trust.

necoTECH | Columbus, OH   May 2023 – Sept 2023
Data & Product Intern
- Worked as a Data & Product Intern focused on identifying and solving real business problems through scripting, internal tools, and process improvement.
- Automated Python-based lead tracking and data workflows, reducing manual effort by ~50%.
- Improved CRM reliability by consolidating fragmented processes and downstream integrations.
- Designed proposal pipelines and marketing workflows adopted across multiple teams.
- Collaborated cross-functionally and learned directly from experienced mentors, including the CEO.

Student Climate Action Team | Delaware, OH   Oct 2022 – Sep 2023
President   *Learn More*
- Led a student-run environmental group, coordinating strategy, events, and community partnerships.
- Started the organization and grew it to 20 active members through outreach and leadership.
- Built the website from scratch to centralize events, announcements, and volunteer sign-ups.
- Eagle Scout: led 100 volunteers on a community trail expansion project.

Cat vs Dog Image Classifier | Delaware, OH   Fall 2023
Machine Learning Engineer
- Built and tuned a TensorFlow CNN on a large image dataset, handling preprocessing, train/validation/test splits, and hyperparameter tuning.