

EDUCATION

- Duke University - B.S. Computer Science & B.S. Economics - GPA: 3.9/4.0** *August 2021 – May 2025*
- **Relevant Courses:** Data Structures & Algorithms, Intro to Computational Genomics, NLP Approaches, Computer Architecture, Linear Algebra, Probability, Multivariable Calculus, Elements of ML, Intro to Databases, Econometrics & Data Science

PROFESSIONAL EXPERIENCE

- AppOmni (Series C, SaaS Cybersecurity) - Software Engineering and Product Intern** *May 2023 – August 2023*
- Worked on ingesting data from Snowflake and VeevaVault to AppOmni's core product and restructured ingestion to use SQL directly, reducing ingestion time by 10%
 - Analyzed the customer journey and used ideal customer profiles to create a PRD to decrease the amount of time spent onboarding ServiceNow and Workday modules by 20%
- Mobius Industries Inc. (Series A, AR UI) - Product Management Intern** *May 2022 – August 2022*
- Developed roadmap and featuremap for market entry, resulting in acquisition of 50 enterprise customers within a month
 - Researched competitors in the communications tech space to evaluate growth trajectory
- Mindful Ventures - Software Engineering & VC Intern** *August 2021 – December 2021*
- Designed and implemented internal CRM to reach out to potential partners for outreach; used daily by entire venture team
 - Emailed 100+ potential limited partners; helped fundraise \$100 million social impact fund
- Stanford Behavior Design Lab - Researcher** *March 2019 – February 2021*
- Develop Aspiration Wizard, a program that finds and assesses participants' aspirations and creates manageable goals.
 - Piloted study testing perceptions of humans vs algorithms for recommendations with 60 participants in A/B testing using auto-generated recommendations.
 - Cleaned and analyzed data for research into the behavioral significance of emojis in changing habits

LEADERSHIP EXPERIENCE

- HackDuke (Duke's Largest Student Run Hackathon) - Co-Director** *September 2021 – Present*
- Manage a team of 60+ designers, engineers, project managers across 6 teams; built relationships with 20+ sponsors, partners, and school administration; **raised \$40,000**
 - Hosted two hackathons with over 500+ participants for events (Code for Good: 400 participants, Ideate: 150 participants)
 - Sourced and managed relationships with 10+ guest speakers and workshop leaders, including IBM Cloud VP of Product, Oscar Health CTO, and the former SVP of Google Ads and Commerce
- Duke Student Government - Senator of Services and Sustainability** *September 2021 – Present*
- Worked with university administration to add 30 additional outdoor spaces to the space reservation system
 - Providing data-driven feedback for Counseling & Psychological Services from 100+ feedback points in the student population
 - Created self-reporting data set that tracks when bus capacity fails to meet demand (200+ points of data)

ENGINEERING PROJECTS

- iMessage Wrapped** (Fall 2022 - Present): Creating a macOS application that provides user metrics on their iMessage statistics and analyzes their vocabulary. Scraped chats DB, tokenized messages, set-up back-end, worked with a partner on UI/UX implementation. Won 1st Place out of 30+ projects at annual Duke The Cube Entrepreneurial Society Demo Day. Next.js, Electron.js, SQLite
- Silicon Valley History Map** (Fall 2020 - Summer 2021): Developed Interactive map that displays stories of Silicon Valley pioneers, important historical sites, and allows users to filter and search for relevant information. Mapbox, QGIS, Java
- Kenan Ethical Tech Case Competition** (Spring 2022 - 2nd Place Winner): Developed and presented on solutions for a data privacy case with legal, ethical, and business ramifications
- Pathogen Analyzer** (Fall 2022): Built a program that utilizes FM-Indexing and Burrows-Wheeler Transform to simulate genetic analysis of pathogenic bacteria in gut samples. Python

OTHER ACTIVITIES

- The Cube Entrepreneurial Society** (Fall 2022 - Present): Hosted community events, participated in technical workshops and demo days, and advised projects for a community of 60+ student founders.
- Taiwanese American Student Association** (Fall 2021 - Present): Fostered inclusive environment for Taiwanese international students and attended cultural and heritage events for a group of 40 Taiwanese and Taiwanese-American undergraduates.

SKILLS & INTERESTS

- Skills:** Python, JavaScript, HTML/CSS, Java, C, SQL, Agile | Git, React, MySQL, Microsoft Office, Figma, QGIS, Mapbox, Qualtrics, Django, Jira, Confluence
- Interests:** Game Theory, Natural Language Processing, Algorithmic Investing, App Development, Skiing, Tech for Good
- Languages:** English (native), Mandarin (native), Spanish (intermediate)