

KATHERINE GAN

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Education

University of California, Berkeley

Expected Graduation: May 2023

B.A. Intended Economics & Data Science

GPA: 3.86/4.0

- **Relevant Coursework:** Multivariable Calculus, Foundations of Data Science, The Structure & Interpretation of Computer Programs, Linear Algebra & Differential Equations, Intro. to Economics, Macroeconomic Analysis
- **Fall 2020:** Data Structures, Principles & Techniques of Data Science, Probability & Statistics in Data Science

Experience

AnX Robotica Corporation

Pleasanton, CA

Software Engineer Intern

Jun 2020 – Aug 2020

- Developed a program to identify and extract the H value of four color sensors from an inputted capsule image
- Researched and implemented image processing algorithms to analyze the quality of real GI tract images
- Compiled and continuously strengthened dataset for an AI model to learn to enhance the quality of an image
- Wrote numerous python scripts to facilitate the filtering and enhancement process on thousands of images

UC Berkeley Division of Computing, Data Science, & Society

Berkeley, CA

Academic Intern

Jan 2020 – May 2020

- Guided ~30 students in developing their understanding of the python language and statistical methods
- Utilized effective teaching strategies to help on weekly lab assignments and all course material covered in lecture
- Individually worked through weekly lab assignments before section to ensure full understanding of content

Indiegogo | Seed Base Consulting

Berkeley, CA

Project Manager

Dec 2019 – May 2020

- Led a team of 5 analysts to develop a strategy to secure entrepreneurs in the APAC region to launch on Indiegogo
- Conducted in-depth analysis of country-specific crowdfunding markets to determine impacts of expansion
- Drafted surveys and reached out to industry professionals to gather primary insight regarding crowdfunding use

Samsung | Seed Base Consulting

Berkeley, CA

Strategy Consultant

Sep 2019 – Dec 2019

- Crafted recommendations based on UI, education, and community aspects for Samsung Developer Universe
- Delivered insights and strategies regarding the use of gamification techniques to attract more users
- Performed in-depth market research on competitor sites and optimal strategies to enhance user experience

Skills

Programming Python (Intermediate), Java (Basic), HTML/CSS (Intermediate)

Technologies Microsoft Office Suite, Google Suite, Jupyter Notebook, NumPy, Figma, iMovie, Adobe Photoshop

Languages English (Native), Chinese (Intermediate), Spanish (Intermediate)

Activities

Pi Sigma Epsilon — Zeta Chi Chapter | Director of Operations

Berkeley, CA

- Maintain organization compliance with national chapter operation guidelines and individual bylaws
- Organize and handle room arrangements for chapter events and record all significant regulatory information

Seed Base Consulting | Internal Vice President

Berkeley, CA

- Edit and manage club Slack channel and website (WordPress); organize, plan, and lead recruitment events
- Plan club-wide retreat and socials; design and handle merchandise