

Carlynda Gao

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👤 U.S. Citizen

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Expected May 2027

B.A. in Political Economy, concentration in Financial Economics

B.A. in (Pure) Mathematics

Intended B.A. in Computer Science

- Relevant coursework: CS 61A - Structure & Interpretation of Computer Programs, CS 198 - Full-Stack Web Development, Data 8 - Foundations of Data Science, Math 55 - Discrete Mathematics, Econ 2 - Intro to Economics (Intermediate), Hist 160 - International Economy of the 20th Century

EXPERIENCE

UC BERKELEY DEPARTMENT OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES

Research Assistant at the Berkeley Lab for Usable & Experimental Security (BLUES)

Aug. 2024 - Present

- Contributed to a project focused on improving privacy guidance for app developers of child-directed apps through qualitative coding and thematic analysis of semi-structured interviews with developers
- Utilized Python, HTML, Javascript & frameworks including React to help build & revise a guidance web application consisting of a questionnaire & checklist for app developers to use as privacy guidance
- Compiled & organized applicable international privacy laws & cybersecurity regulations to provide comprehensive developer compliance guidance & updated the guidance web application accordingly

CORNELL UNIVERSITY S.C. JOHNSON COLLEGE OF BUSINESS

Research Intern

Aug. 2023 - Nov. 2023

- Authored a 10-page paper on the business operations of the boba shop industry under the mentorship of Cornell Professor Li Chen by tracing the international supply chain, quantifying the economic impact of COVID-19 through statistical analysis, & predicting future economic trends that may impact the supply chain & operations

CORNELL UNIVERSITY S.C. JOHNSON COLLEGE OF BUSINESS

Research Intern

June 2023 - Oct. 2023

- Conducted a 12-page review under Professor Chen on the Chinese diaspora, East Asian immigration patterns in the 20th century, the formation of urban enclaves, the historical proliferation of East Asian businesses, & performed case studies on the impact of economic discrimination using qualitative analysis of historical data

GRASSROOTS ECOLOGY NONPROFIT ORGANIZATION

Independent Researcher

June 2023 - Aug. 2023

- Completed a 9-page paper on the economic drivers of the expansion of the global agricultural infrastructure, the quantification of its impact on the environment through compiling data, how the infrastructure contributes to food insecurity in the U.S., & how consumers can assess quality, sourcing, and sustainability of products

PROJECTS

PERSONAL WEBSITE, [CARLYNDAXGAO.COM](https://carlyndaxgao.com)

HTML, CSS, Javascript, Three.js, Express.js, Node.js, Vercel

- Built a full-stack personal website from scratch utilizing HTML & CSS, implemented an interactive 3D model & display mode toggle using Javascript & Three.js, & used Express.js & Node.js to serve & deploy my personal website with Vercel which showcases my interests & hobbies, skills, projects, experiences, & ways to get in contact

TECHNICAL SKILLS

- **Languages:** Python, HTML, CSS, JavaScript, TypeScript, SQL, NoSQL
- **Technologies/Frameworks:** React, Three.js, Redux, Node.js, Express.js, Flask, MongoDB, JSON, NumPy, Pandas, Django, Matplotlib, Jupyter, Colab, Git, Github, Vercel
- **Skills:** Data Structures, Algorithms, Data Science, Research, Object-Oriented Programming, Front End, Back End, Full-Stack Development, Web Design, Graphic Design, 3D Modeling, Problem Solving, Public Speaking, Customer Service, Leadership, Community Service, Teamwork & Collaboration, Teaching, Communication