

Zachary Brandt

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Education

University of California, Berkeley

Aug 2023 – June 2027

B.A. in Economics, Computer Science

- GPA: 3.9/4.0
- Awards: Dean's Honors List - College of Letters & Science
- **Coursework:** Discrete Mathematics, Data Structures, Econometrics, Ancient Greek Studies

Experience

Stanford, Berkeley Dept. of Economics

Feb 2024 – Aug 2024

Research Assistant

- Conducted econometric analysis and research on estimating cross-sector firm market power
- Led data wrangling, EDA, and visualization using Pandas and R on national employment datasets
- Contributed insights to burgeoning literature on industrial organization and economic policy discussions

Blockchain at Berkeley

Sept 2023 – present

Project Manager

- Led teams in developing a ticket marketplace for FIFA and a JavaScript VM for Hyperweb Web3
- Secured projects by writing grants and responding to RFPs, growing our presence in blockchain
- Oversaw project completion, timelines, deliverables, and client communication

Worksheets AI

June 2024 – Aug 2024

Summer Intern

- Built and deployed core frontend web app in SolidJS and implemented backend APIs with Node.js
- Designed and integrated AI-powered worksheet generation tools and markets for educators
- Worked closely with the founding team on scaling the platform in the EdTech space

Projects

ΑΓΩ Beta Treasurer

Fall 2024 – present

- Upgraded fraternity house network and internet, created our new website
- Managed financial operations, including budgeting, rent and vendor contracts, and banking

NGordnet Tool

Fall 2024

- Developed a linguistic analysis tool leveraging WordNet and historical word frequency data
- Built visualizations to explore synset relationships and language evolution

World-Exploration Game Engine

Fall 2024

- Created a modular and extensible 2D tile-based world exploration engine in Java

Berkeley SkyDeck

Summer 2024

- Co-developed a mobile recommerce platform with instant sales for college students
- Guided team application through the SkyDeck Accelerator Program to pitch to investors

Skills

Programming: C, Python, Java, JavaScript, R, Solidity, SQL

Mathematics: Multivariable calculus, linear algebra, differential equations, probability theory

Languages: English, German (fluent, C2 certified), Greek