Zachary Brandt

📍 Berkeley, CA   ✉ zbrandt@berkeley.edu   📞 (650) 283-3226   💼 zacharypbrandt   ○ zbrandt

Education

University of California, Berkeley present – May 2027
BA in Economics, Computer Science
- GPA: 3.9/4.0
- **Coursework**: Data Structures, Econometrics, Discrete Math

Experience

Stanford, Berkeley Dept. of Economics Stanford, CA
Research Assistant Feb 2024 – Aug 2024
- Conducted labor economics research focused on estimating firm market power
- Worked with large employment datasets from LinkedIn, Equifax, and Revelio to analyze labor market movements, using R for data wrangling, visualization, and analysis
- Applied academic insights from literature review of Monopsony theory into real-world data analysis

Blockchain at Berkeley blockchain.berkeley.edu
Project Manager Sept 2023 – present
- Created an NFT ticket marketplace with FIFA Labs, developed a TypeScript VM for writing smart contracts on Hyperweb
- Built a prize-winning Telegram blockchain client at the 2024 Consensus hackathon
- Submitted grants and RFPs to companies to lead future projects

Worksheets AI worksheets.ai
Summer Intern June 2024 – Aug 2024
- Developed a customer-facing interface in SolidJS, enabling educators to access a marketplace of AI-generated worksheets
- Built a creator-facing interface for personalized worksheet generation from scratch or templates
- Integrated frontend and backend services as part of a REST API

Projects

NGordnet Tool Fall 2024
- Developed a linguistic analysis tool using WordNet and historical word frequency data
- visualize language trends and explore synset relationships

World-Exploration Game Engine Fall 2024
- Created a 2D tile-based world exploration engine with save game functionality

ΑΓΩ Beta Network
- Configured my fraternity chapter's new internet service and home network
- Created and hosted our new website

Berkeley SkyDeck Summer 2024
- Built a mobile, instant sales and delivery marketplace for on-the-go college students
- Applied through the SkyDeck Accelerator Program to pitch to investors

Skills

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

Languages: English, German (fluent, C2 certified)