

TIFFANY LIU

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EDUCATION

University of California, Berkeley

August 2021 - May 2024

B.A. Data Science, Concentration in Business and Industrial Analytics

GPA: 3.821

- **Relevant Courses:** Data Structures, The Structure & Interpretation of Computer Programs, Principles & Techniques of Data Science, Probability for Data Science, Data Mining & Analytics, Introduction to Artificial Intelligence, Linear Algebra & Differential Equations, Data Inference & Decisions, Principles of Engineering Economics, Product Management

PROFESSIONAL EXPERIENCE

Coinbase

Mountain View, CA, USA

Associate Product Manager Intern

May 2024 - Present

- Developing Athena, a generative AI Figma plugin, enhancing internal workflows by automating design and code generation tasks
- Validating Coinbase UI designs, content, and associated code through natural language prompts to ensure compliance with the Coinbase Design System, reducing handoff lag between design and engineering
- Conducting comprehensive testing and validation of AI models, improving their accuracy and reliability by over 30%

Campaign Labs

Remote

Product Manager Intern

June 2023 - May 2024

- Managed QA processes to ensure the product, a blockchain-based digital customer engagement program, maintains high standards
- Implemented QA strategies that led to a 15% increase in speed of issue resolution among 10-member engineering and design teams
- Performed 100+ rounds of rigorous product testing, uncovering and rectifying 300+ bugs to ensure a seamless user experience

USC Viterbi School of Engineering

Los Angeles, CA, USA

Data Science Lab Researcher

June 2023 - August 2023

- Conducted research comparing the Q-learning real-time swarm algorithm across serial, multi-thread, and multi-process frameworks, showcasing the algorithm's adaptability and scalability in various settings
- Leveraged Python libraries and parallel programming expertise to optimize multi-core CPU performance
- Achieved a 5.12-fold speedup in convergence episodes through multi-processing, marking a substantial advancement in MARL

UC Berkeley Division of Computing, Data Science, and Society

Berkeley, CA, USA

Course Tutor

January 2022 - May 2023

- Hosted 40+ bi-weekly tutoring sessions for 10 students to ensure their mastery of essential concepts in the Foundations of Data Science (DATA C8) at UC Berkeley
- Offered personalized guidance on Python fundamentals, data visualization techniques, and machine learning principles during office hours, contributing significantly to students' success in a class of nearly 2,000 participants

Kesem

Remote

Data Quality Intern

May 2022 - August 2022

- Resolved discrepancies in address and email data of Salesforce databases and reports with 1,000+ records
- Executed data management enhancements across integrated platforms, including Salesforce Lightning, Classy, and Form Assembly
- Developed a targeted email verification project, resulting in a 17% increase in email deliverability rates and optimizing the organization's communication strategy

LEADERSHIP EXPERIENCE & ACTIVITIES

Blockchain at Berkeley & Berkeley Blockchain Xcelerator

Berkeley, CA, USA

Internal Vice President

August 2022 - May 2024

- Led internal operations for 60-person organization, ensuring smooth management across the Operations, Finance, Social, and DEI
- Spearheaded recruitment initiatives resulting in a 28% increase in underrepresented minorities' applications
- Instructed the Fundamentals of Blockchain Technology (ENGIN 198) at UC Berkeley to 150 students
- Evaluated 450+ candidates and conducted due diligence, leading to the selection of 16 blockchain ventures for cohort selection

Applied Machine Learning with Business Applications

Berkeley, CA, USA

Research Apprentice

January 2024 - May 2024

- Designed an advanced curriculum about supervised and unsupervised machine learning models using Python for Descriptive and Predictive Data Mining (MBA 247) at UC Berkeley
- Translated and optimized R algorithms into Python code, enhancing computational performance and broadening the curriculum's applicability for a wider student audience

SKILLS & LANGUAGES

- Python, Java, R, SQL, MATLAB, HTML, Scheme, Jupyter, Git, Figma, Salesforce, Mandarin