

Thomas Rizk

Berkeley, California | (510) 529-6023 | thomass@berkeley.edu | [LinkedIn](#)

EDUCATION

University of California, Berkeley | College of Computing, Data Science and Statistics

GPA: 4.0/4.0

B.A. in Data Science

Grad: May 2029

Relevant coursework: Foundations of Data Science, The Structure and Interpretation of Computer Programs, Calculus I & II

Honors: Highest honors (*with congratulations of the jury*) in the French Baccalaureate, Honors to Date & Dean's List (Fall 25')

WORK EXPERIENCE & PROJECTS

PathWise, iOS app, launched on TestFlight

Berkeley, California

Co-builder

Jan 2025 - Present

- Built and shipped a personalized route-generator, with a team in UC Berkeley's SportsTech Challenge Lab (ENGIN 183C)
- Integrated mapping APIs and public safety data with an AI layer to generate routes by elevation, scenery, distance, and safety
- Went from problem discovery to shipped MVP in a semester, spanning user research, prototype iteration, and a venture pitch

PolyBundle, AI driven hedge portfolio platform

Berkeley, California

Co-builder

Mar 2026 – Apr 2026

- Built a full-stack platform that converts natural-language risk scenarios into structured hedge portfolios on Polymarket with AI
- Integrated the Polymarket CLOB and Ethers.js to fetch live market data, monitor probabilities, and prepare on-chain trades
- Stack: React, TypeScript, Node.js/Express, designed LLM-driven NL parsing; built with simulation mode for strategy testing

Mindly

Beirut, Lebanon

Student Founder

Sep 2024 – Aug 2025

- Developed an app supporting individuals with mental health challenges, featuring mood tracking, journaling & wellness tips.
- Researched mental health issues with the Psychology Department at the American University of Beirut, engaged 100+ people in outreach to raise awareness, gather user insights, and focusing on UI/UX, backend integration, and functionality testing.

RESEARCH

Berkeley Nanotechnology Lab

Berkeley, California

Student Researcher

Feb 2025 – Present

- Built a 100+ molecule database integrating impedance and fluorophore data to identify target analytes from biosensor outputs
- Analyzed CNT-based impedance spectroscopy (EIS) data, modeling EDL capacitance shifts and characterize molecular binds

Big Data Preparation – Haas School of Business

Berkeley, California

Student Researcher

Feb 2025– Present

- Audited 500+ Ukraine aid delivery records across 4 countries by cross-referencing multiple datasets & ensuring data integrity
- Built Excel workbooks across 10+ aid categories, implementing currency normalization formulas and depreciation models
- Applied depreciation calculations to 100+ equipment transfers, identifying characteristics to produce analysis-ready datasets

ML-Based Multiple Sclerosis Progression Monitoring – American University of Beirut

Beirut, Lebanon

Student Researcher

Sep 2024 – Aug 2025

- Collaborated with faculty to apply machine learning & develop algorithms to detect brain lesions in MRI scans of MS patients
- Conducted a literature review & analyzed real-world applications of this technology to guide design & development decisions
- Analyzed MRI data and contributed to preprocessing, model training, and evaluation, gaining experience in AI and healthcare

LEADERSHIP & EXTRACURRICULARS

Middle Eastern Business Association (MEBA)

Berkeley, California

Tech Consultant

Sep 2025 – Present

- Built an A/B tested outreach playbook, tracking 500+ prospects and achieving 10% response rate and 20% demo-to-close rate
- Analyzed 10+ competitors to build a Go/No-Go framework mapping 3+ acquisition channels with KPIs across CAC and CTR
- Scraped Bay Area senior living market data, to surface competitive gaps and generate 20+ leads across 3 institutional partners

Groupe Saint Antoine de Padoue

Sin El Fil, Beirut, Lebanon

Scout Leader

Sep 2018 – Present

- Raised \$5K+ to renovate a school for orphan children, coordinated 50+ volunteers to restore classrooms and improve learning
- Partnered with 50+ local organizations to expand outreach, increase donations, and drive high-impact humanitarian initiatives
- Directed food drives donating 20+ tons of food to 600+ families via 200+ volunteers across collection, packaging, distribution

College Louise Wegmann Student Government

Beirut, Lebanon

Student Committee Lead

Sep 2024 – Aug 2025

- Organized schoolwide events & fundraising campaigns, raising over \$60K to support institutional and community initiatives, particularly donating \$10K to civil defense that saved our school from burning down, strengthening student civic engagement
- Facilitated communication between school directors and students, ensuring student concerns were heard addressed effectively

SKILLS & INTERESTS

Skills: Python, Panda, Arabic, French, Leadership, Data Collection & Analysis, Literature Review, ML/AI, Neural Networks

Languages: French (native), Arabic (native), English (fluent) | **Interests:** F1, Prediction markets, Camus, Fred Again, Camping