Benjamin Ross

Berkeley, CA

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EDUCATION

University of California, Berkeley
B.A. in Applied Mathematics

Expected May 2027
GPA: 3.67

- **Coursework:** Multivariable Calculus, Linear Algebra, Discrete Mathematics, Real Analysis, Abstract Algebra, Data Science, Computer Science, Quantitative Microeconomics, Quantitative Finance

WORK EXPERIENCE

Camp Ramah in Northern California
Lifeguard & Counselor

Summers 2024, 2025
Watsonville, CA

- Ensured safety for 80 children daily on a multilingual lifeguard team supervising swimming, surfing, and kayaking.
- Adhered to strict safety protocols and responded efficiently to injuries and emergency situations.
- Led daily programming for approximately 60 campers and facilitated group activities.
- Resolved interpersonal conflicts and supported a positive camp environment.

EXTRACURRICULAR ACTIVITIES

Open Project
Project Manager

UC Berkeley

- Managed a team of 10 developers researching advanced algorithms and building technical solutions using Supabase and Figma.
- Received the Founder's Award for fostering collaboration and cultivating an inclusive development environment.

Formula Electric at Berkeley
Research Member

UC Berkeley

- Analyzed AI research papers and models to improve comprehensive race-time simulations.
- Produced performance data using physics-based models to optimize electric vehicle design.

Berkeley Hillel
Schultz Fellow

UC Berkeley

- Planned community events to increase Jewish engagement among Berkeley students.
- Organized peer-to-peer coffee chats welcoming incoming freshmen.

VOLUNTEER EXPERIENCE

Golden Bear Orientation
Orientation Leader

UC Berkeley

- Guided and mentored a cohort of 40 incoming students.
- Led discussions on identity, belonging, and campus community.

Dorothy Day House
Volunteer

Berkeley, CA

- Prepared breakfast weekly for approximately 120 unhoused community members.

SKILLS

Programming: Java, Python, SQL, R, C++
Tools: Jupyter Notebook, Git, Supabase, Firebase, Figma, LaTeX, pandas, NumPy
Technical: Web Development, Databases, Data Analysis
Other: Peer Leadership, CPR Certification, Ocean Lifeguard Certification