

William Stern

Student, Software & AI Engineer, Researcher

Double-major student studying Computer Science and Data Science at UC Berkeley. Looking to further develop my education and knowledge in the tech industry.

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EDUCATION

UC Berkeley Aug 22 – May 25
B.A. in Computer Science
B.A. in Data Science
Emphasis: Business and Industrial Analytics

Diablo Valley College Jun 20 – May 22
A.S. in Computer Science Final GPA: **4.0**
• Algorithms • Data Structures
• Program Design/Structure • Computer Architecture
• OOP • Functional Programming

San Ramon Valley HS Aug 18 – Junm 22
High School Diploma Final Weighted GPA: **4.7**
• Volleyball (4 years) • Leadership (4 years)

EXPERIENCE

AI Research Engineer Intern
Mendel.ai Jun 23 – Aug 23
Project Summaries:
• Researched/developed new proprietary technologies. Used Snowflake, Google Cloud, NumPy, Parallel Processing, NLP, Algorithms, Cloud Computing/Storage.
• Worked on the data pipeline for our AI system as Tech Lead. Used Selenium, Automation, Web Scraping, NLP, Cybersecurity, Algorithms, and System Design.

Researcher, Programmer
Berkeley Lab Jun 21 – Aug 21
Worked with an LBNL biophysicist to study pentapeptide structures using protein data APIs and AI/ML.

Chief Technology Officer
UC Berkeley Student Government Sep 23 – Present
Leading technical projects and affairs in Senator Hadife's office to benefit UC Berkeley's student body.

INTERESTS

- Technical Program Manager • Project Manager
- AI/ML Engineer • Software Engineer

SKILLS

- General:**
- Leadership • Communication • Public Speaking
- Languages:**
- Python • Javascript • C/C++
 - Java • MySQL • Scala
- Tools & Frameworks:**
- Snowflake • Google Cloud • Numpy/Pandas
 - React • Selenium • Microcontrollers
- Technologies:**
- Automation • Web Scraping • Parallel Processing
 - NLP • Cybersecurity • Algorithms
 - Cloud Computing and Storage with APIs • System Design

ORGANIZATIONS

Co-founder, CTO
Peer to Peer Connect Jun 21 – Feb 22
Managed all technical assets, with our partner United Way, for our non-profit teaching international refugee students.

Co-tech Lead
Police and Fire: The Fallen Heroes Jun 21 – Aug 21
Managed website development/maintenance and tech assets for our non-profit.

Astrophysics Researcher
NASA Jan 19 – Aug 19
Created a rocket experiment, sponsored by NASA, to detect phosphorescence caused by solar radiation in low Earth orbit.

AWARDS

CCAR Scholar
\$2500 scholarship awarded to 10% of over 100 applicants.

City National Scholar
\$7500 scholarship awarded to 5% of hundreds of applicants