

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

University of California, Berkeley

B.A. in Computer Science

B.A. in Data Science

Emphasis: Business and Industrial Analytics

Diablo Valley College

A.S. in Computer Science

Final GPA: **4.0**

- Algorithms
- Program Design/Structure
- OOP
- Data Structures
- Computer Architecture
- Functional Programming

San Ramon Valley HS

High School Diploma

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