

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.

willsstern@gmail.com

925-451-0430

San Francisco Bay Area

wills-stern.com

linkedin.com/in/wills-stern

twitter.com/wstern231

github.com/wstern1234

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.

Software Engineer

Freelance

Jun 21 – May 23

Developed initial websites for businesses in multiple industries such as construction, education, and medicine.

INTERESTS

- Technical Program Manager
- Project Manager
- AI/Machine Learning
- Embedded Systems

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 – Mar 22

Managed all technological 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