

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 – (Expected) 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 – Jun 22
High School Diploma Final Weighted GPA: **4.7**
• Volleyball (4 years) • Leadership (4 years)

EXPERIENCE

Software Dev Engineer Intern
Amazon Web Services May 24 – Aug 24
Worked on the API team at AWS S3 in their Seattle HQ.
Project Highlights:
• Designed a new configuration management system with dynamic storage. Used Java, Gradle, Amazon’s internal software tools, and Amazon’s build production pipeline.
• Worked alongside cybersecurity engineers to protect against potential abuse of S3 buckets and ensure their scope of accessibility was maintained.

AI Research Engineer Intern
Mendel.ai Jun 23 – Aug 23
Project Highlights:
• Researched/developed new proprietary technologies. Used Snowflake, Google Cloud, NumPy, Parallel Processing, NLP, Algorithms, and 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.

Chief Technology Officer
UC Berkeley Student Gov Sep 23 – May 24
Leading technical projects and affairs in the student government senate for UC Berkeley’s student body.

JOB INTERESTS

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

SKILLS

- General:**
- Leadership
 - Communication
 - Public Speaking
- Languages:**
- Python
 - Javascript
 - C/C++
 - Java
 - MySQL
 - Scala
- Tools & Frameworks:**
- AWS
 - Snowflake
 - Numpy/Pandas
 - GCP
 - React
 - Gradle
- Technologies:**
- Automation
 - Cybersecurity
 - Network Engineering
 - AI/ML
 - Algorithms
 - Data Structures
 - APIs
 - System Design
 - Cloud Computing

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.

