

# 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 – 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, 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 Government** Sep 23 – May 24  
Leading technical projects and affairs in the student government senate for 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:**
- AWS • Snowflake • Numpy/Pandas
  - GCP • React • Gradle
- Technologies:**
- Automation • Web Scraping • Network Engineering
  - NLP • Cybersecurity • Algorithms
  - 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.

