

# Rena Shrestha

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## Education

**University of California, Berkeley**  
Bachelor of Arts in Data Science

**May 2028**  
GPA: 3.5/4.0

**Relevant Coursework:** Computational Structures in Data Science (Data C88), Intro to Computers (CIS 135), Machine Learning Principles (Wicds), Introduction to Data Science (Data 8), Introduction Real-World DS (DeCal)

## Skills

**Languages:** SQL, Python, Java, R

**Tools & Platforms:** VS Code, Jupyter Notebook, Pandas, SciPy, GitHub, Excel, Photoshop, Streamlit, Kaggle, Google Colab

**Awards:** National CyberStart America - Scholar/ Finalist [Top 7%]

**Certifications:** Skydeck ACE Certificate - Skydeck's Accelerating Careers in Entrepreneurship Program

## Highlighted Experience and Projects

**Data & Machine Learning Intern | Lextrack AI – Remote**

**Summer: May 2025 – August 2025**

- Maintained and enhanced metrics\_dashboard.md for internal monitoring of AI app performance, ensuring accurate and timely reporting for the engineering team.
- Updated a CLI tool to parse logs for error categorization and prompt inference latency, improving debugging efficiency and monitoring accuracy.
- Benchmarked prompt evaluation frameworks (OpenAI, Lovable AI), documenting methodologies and trade-offs to guide internal adoption decisions.
- Built multiple AI tools for the company, including:
  - **LLM App Performance Analyzer** – tracked model response quality and latency.
  - **AI Resume Analyzer** – extracted key resume insights and matched candidate skills to roles.
  - **Customer Segmentation Engine** – clustered user data to support personalized recommendations.

**Data Analytics Intern | Athena Notes – Remote**

**Summer: May 2025 – August 2025**

- Designed and deployed a **User KPI Dashboard (SQL, JavaScript, Python)** to track engagement, retention, and performance metrics, enabling data-driven product roadmap decisions. Researched AI chatbot implementations in EdTech leaders (Khan Academy, Duolingo) to identify best practices in tutoring, content generation, and GPT-4-powered user interaction.
- Evaluated tools including **OpenAI API, LangChain, Moderation API, and RAG** for improving chatbot accuracy, reducing hallucinations, and increasing user trust.
- Built two AI tools:
  - **Tutor Chatbot** – delivering personalized learning support for students
  - **Evaluator Performance Chatbot** – assessing chatbot responses against quality rubrics, identifying improvement areas, and enhancing AI-assisted tutoring outcomes.

## Leadership and Extracurricular Activities

**CS Educator / Tutoring Performance Evaluator, Schoolhouse.world**

**March. 2023 - June 2025**

- Mentored 100+ students weekly in math, computer science (Python), and public speaking, achieving a 98% average improvement in student satisfaction and learning outcomes. (Reaching 18 countries)
- Peer-reviewed sessions, offering constructive feedback to support improvement in teaching quality.

**CS Advocate / Internal & External Committee, CS Kickstart**

**Dec.2024 - Present**

- Coordinated event logistics and scheduling for committee meetings, ensuring smooth execution of programs and socials.
- Planned and organized events for 50+ students in collaboration with lead directors, including networking panels, socials, and speaker engagements.