

# 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, 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 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.
- AI tools built:
  - 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 2022*

- 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.
- AI tools built:
  - 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.
  - KPI Dashboard - track users, metrics for user engagement, retention, and performance.

## 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.