

Sardaana Eginova

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EDUCATION

University of California, Berkeley

B.A. Computer Science and B.A. Data Science

Graduation: May 2027

GPA: 4.00

EXPERIENCE

inDrive, Marketplace Efficiency Team

Data Analytics Intern

Remote (Limassol, Cyprus)

Jul 2025-Aug 2025

- Tracked driver's behavior on mobile app across multiple databases to optimize screen time
- Designed user-centric smart notification algorithms and executed switchback experiments across 10 cities

UC Berkeley, College of Computing, Data Science

Scholars Lead TA for DATA 100 (Principles of Data Science)

Berkeley, CA

Jan 2025-Present

- Supported 1100+ students' questions during lectures on Slido, facilitated EdStem discussions and weekly office hours.
- Led Scholars discussions for 180 underrepresented students with extra help and catch-up sections

Lightning AI

Machine Learning Engineer (Consultant)

Berkeley, CA

Sep 2024-Dec 2024

- Beta-tested Lightning AI's distributed training platform with compute-heavy models.
- Shipped a fine-tuned Python code-generation RAG tutorial for iterative development.

Spotify

Natural Language Processing Engineer (Consultant)

Berkeley, CA

Feb 2024-May 2024

- Developed a customer support chatbot for Spotify's Freemium users for faster automated responses.
- Analyzed 10,000+ text chats to optimize Q&A coverage, which reduced hallucinations and enhanced accuracy by 120%.
- Leveraged RAG models (Mistral-7B, Gemini, Claude 3) with optimized hyperparameters, embeddings, and prompting.

RESEARCH

Berkeley Artificial Intelligence Research Lab

Undergraduate Researcher, Kurt Keutzer Group

Berkeley, CA

Feb 2025-Present

- Studying optimization, agentic systems and edge ML

Sky Lab

Undergraduate Researcher, Advised by PhD Shishir Patil

Berkeley, CA

Oct 2024-Jan 2025

- Developed Berkeley Function-Calling Leaderboard benchmark for code-generation models, web-search track.

UC Berkeley College of Computing, Data Science, and Society

Undergraduate Researcher, Advised by Professor Michael DeBellis

Berkeley, CA

Jan 2024-May 2024

- Built a SPARQL knowledge graph database of 300K+ entries for fast retrieval and search in RAG model pipeline

LEADERSHIP

Machine Learning @ Berkeley

Head of NMEP, Education Officer

Berkeley, CA

Feb 2024-Present

- Prepared slides, created worksheets and recorded mini-lectures for Udacity online course on Google's Gemini API.
- Hosted a two-day bootcamp for 80+ under-served high school students in the Bay Area, covering machine learning foundations with NLP and computer vision projects, talks with industry speakers, and campus tour.
- Led a semester-long New Member Education Program on deep learning fundamentals. Taught weekly lectures, designed assignments and exams, managed homework parties and socials.

Cal Hacks

Director, Design Team

San Francisco, CA

Sep 2023-Present

- Organized and managed logistics of largest collegiate hackathon in the US with 2000+ participants yearly.
- Designed UI/UX for banners, merch, content for social media. Maintained live website using React.
- Pioneered a peer review judging for Hack-4-Impact hackathon with 7 nonprofits, receiving 40% more positive feedback.

SKILLS

Coursework: Deep Neural Networks, Optimization, Computer Program Structures, Data Structures, Principles of Data Science, Cybersecurity, Internet Architecture, Discrete Math, Linear Algebra, Probability Theory and Random Processes, Algorithms

Skills: C++, Python, SQL, Java, HTML/CSS, React, Ruby/Rails, JavaScript, PHP, CUDA; Git, Docker; PyTorch, OpenCV, XGBoost, Scikit-learn, Pandas, NumPy, Gensim, LangChain, HuggingFace, RegEX, MySQL, MongoDB, Django, Node.js