Sardaana Eginova

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EDUCATION

University of California, Berkeley Berkeley, CA
B.A. Data Science & B.A. Computer Science May 2026 (Expected)

GPA: 4.00 | Coursework: Structure & Interpretation of Computer Programs, Data Structures, Foundations of Data Science, Principles & Techniques of Data Science, Linear Algebra, Discrete Mathematics & Probability Theory

EXPERIENCE

Berkeley Data Science Discovery Research Berkeley, CA
Undergraduate Researcher Jan 2024–May 2024
- Designed knowledge graph database for RAG models research, advised by Prof. Michelle DeBellis.
- Effectively managed databases in AllegroGraph with SPARQL.

Spotify Berkeley, CA
Natural Language Processing Intern Feb 2024 – May 2024
- Analyzed 10000+ text chats and applied Q&A topic modeling (BERTopic, LDA).
- Evaluated case coverage of Q&A dataset.
- Built RAG model (Mistral-7b, Gemini) for Spotify customer support. Prompt-engineered with LangChain.

Yandex Yakutsk, Russia
ML Researcher Jul 2022 – Sep 2022
- Developed a Yakut-to-Russian translator based on contextual similarity.
- Web-scraped modern Yakut language corpus. Clusterized text embeddings and identified biased data.

VOLUNTEERING

Edu Officer Berkeley, CA
Machine Learning @ Berkeley Feb 2024–Present
- Prepared materials for API usage and streaming with LLMs at Google's Gemini workshop.
- Facilitated course for modeling with Scikit-learn at Ignite bootcamp for high school students.

Design Team Lead San-Fransisco, CA
Cal Hacks Sep 2023–Feb 2024
- Designed infographics and managed logistics for largest collegiate hackathon with 2500+ participants.
- Pioneered a peer review judging system. Integrated and tested at Hack-4-Impact hackathon.

PROJECTS

MinGPT from scratch | [View project](#)
- Trained LLM with 0.2 M parameters.

Praxis | [View project](#)
- Mentorship platform for coding experience for high school students. UI/UX design with Figma.

AWARDS & HONORS

- 4th Place Overall at WorldSkills Russia Machine Learning & Big Data Championship 2022, 1st Place in Region.
- My Profession – IT, HACK-THE-ICE, Silicon Valley Camp Hackathon winner.

SKILLS

Languages: Python, SQL, R, C++, Java
Libraries: PyTorch, Scikit-learn, Pandas, NumPy, OpenCV, Matplotlib, Seaborn, Gensim, XGBoost, BeautifulSoup
Tools: Git, Docker, Figma, MS Excel, Tableau