

# Sardaana Eginova

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## EDUCATION

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### University of California, Berkeley

B.A. Data Science & B.A. Computer Science

Berkeley, CA

May 2027 (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

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### Berkeley Data Science Discovery Research

Undergraduate Researcher

Berkeley, CA

Jan 2024–Present

- Knowledge graph database for RAG models research, advised by Prof. Michelle DeBellis.
- Effectively managed databases with SPARQL.

### Spotify

Natural Language Processing Engineer Intern

Berkeley, CA

Feb 2024 – May 2024

- Analyzed 10000+ text chats and applied Q&A topic modeling (BERTopic, LDA). Prompt-engineered with LangChain.
- Built RAG model (Mistral-7b, Gemini) for Spotify customer support. Estimated case coverage.

### Yandex

ML Researcher

Yakutsk, Russia

Jul 2022 – Sep 2022

- Contextual similarity for Yakut-Russian translator research. Identified biased data.
- Web-scraped modern Yakut language corpus. Clusterized text embeddings with Word2Vec.

## VOLUNTEERING

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### Edu Officer

Machine Learning @ Berkeley

Berkeley, CA

Feb 2024–Present

- Prepared materials for API usage and streaming with LLMs at Google's Gemini workshop.
- Taught course for modeling with Scikit-learn at Ignite bootcamp for high school students.

### Design Team

Cal Hacks

San-Fransisco, CA

Sep 2023–Present

- Designed infographics and managed logistics for largest collegiate hackathon with 2000+ participants.

## PROJECTS

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### 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

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- 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

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**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