

# NAZYM ZHIYENGALIYEVA

San Francisco, CA · [3D Website](#) · [nazym@uni.minerva.edu](mailto:nazym@uni.minerva.edu) · [github.com/Nazym-MU](https://github.com/Nazym-MU) · [LinkedIn](#)

## EDUCATION

### Minerva University

B.S. in Computer Science and Data Science | GPA 3.6/4.0

San Francisco, CA

2023 - 2027 (*expected*)

- Relevant Coursework: Data Structures and Algorithms, Multivariable Calculus, Linear Algebra, Formal Analysis

## EXPERIENCE

### iD Tech Camps

Berkeley, CA

Technical Instructor

June - August 2025

- Taught ~90 students Python programming, covering data structures, OOP, and algorithms using PyCharm.
- Guided students through projects like text-based games, data analysis, and custom apps, introducing tools such as TensorFlow and OpenAI APIs.
- Mentored students with no prior coding experience to complete 4+ projects and a final custom application.

### Jubo Health Technologies

Taipei, Taiwan

Software Engineering Intern

September - December 2024

- Developed 6 chatbot functions with large language models (LLMs) to enhance data retrieval for an EHR system.
- Delivered project updates and documentation to executives, enhancing communication and presentation skills.
- Optimized backend systems supporting data for 50,000 residents across senior care facilities.

### Mastercard

Almaty, Kazakhstan

Technical Project Manager Intern

June - August 2024

- Led research and strategy development for AI/ML implementation in financial institutions.
- Designed an AI maturity assessment tool, coordinating inputs from 100+ financial sector professionals.
- Presented tailored recommendations to executives from 16 banks, fostering actionable AI adoption strategies.

## PROJECTS

### Shyraq - Language learning app ([Github](#)) | *Next.js, Typescript, Tailwind, React*

February - March 2025

- Developed a web app offering interactive language challenges, AI voice features, and progress tracking.
- Built backend with **Neon/Drizzle ORM** and created an admin dashboard for course management.

### AI Maturity Assessment Tool ([Frontend](#), [Backend](#), [Deployment](#)) | *React, Node.js*

June - August 2024

- Built a web platform assessing AI maturity in banks, integrating **OpenAI APIs** for tailored insights.
- Delivered downloadable PDF reports and optimized system performance using **Node Cache**.

## LEADERSHIP AND CERTIFICATIONS

- Leading Google Developer Group's technical initiatives as **Tech Lead**, mentoring students and organizing events.
- Maintaining technical blog ([medium.com/@nazym](https://medium.com/@nazym)) documenting machine learning journey and educational [website](#) with interactive CS concept visualizations.
- Successfully completed the DPG Lab course by UNICEF, built a digital public good project, and led a team of 5 girls to the **hackathon final** to pitch it.
- Certified in iOS Development (Grade: 97.3%), developing 8 iOS app projects using Swift.

## TECHNICAL SKILLS

- **Programming languages & Frontend:** JavaScript, TypeScript, Python, Swift, HTML, CSS, React, Three.js
- **Backend & Databases:** Node.js, PostgreSQL, MongoDB, Neon, Drizzle ORM, PyTorch, SciKit-Learn
- **Tools & Platforms:** Git, Github, Gitlab, Figma, Postman, Vercel, Heroku