Islam Assanov

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EDUCATION

Minerva University San Francisco, CA
Bachelor's of Sciences in Computer Science and Data Science *Expected 2027*
- **Relevant Coursework:** Data Structures and Algorithms, Calculus, Linear Algebra
- **Clubs and activities**: Google Developer Student Club, UN Millennium Fellow (2025)
- Ranked **the most innovative university** globally by WURI in 2024

LEADERSHIP AND ACCOMPLISHMENTS

Winner of CalHacks 10.0 (largest collegiate hackathon) in a team of 4 people (2000+ participants)
Winner of Hack For Impact 2024 non-profit Hackathon at UC Berkeley (300+ participants)
Winner of AI @Seoul International Hackathon (200+ participants)
Finalist in Astana IT University competitive programming olympiad (2000 participants)

EXPERIENCE

Software Engineering Intern Sep. 2024 – Dec. 2024
Jubo Health *Taipei, Taiwan*
- Engineered prompt-based search system using **Intel OpenVINO** and **FastAPI** to query **40,000+** patient records, reducing healthcare decision-making time by **30 minutes per case** and improving clinical workflow efficiency
- Presented technical solution to **70,000+ industry professionals** at **Taiwan HealthCare+ Expo**, Asia's largest medical technology conference

Machine Learning Intern Feb. 2024 – Apr. 2024
GlobalArt.AI *San Francisco, CA*
- Fine-tuned **Stable Diffusion 2 model** using **Python** and **PyTorch**, generating **50+** high-quality artwork samples and implementing custom training pipeline for artistic style transfer
- Migrated backend infrastructure from **Google Colab** to **Google Cloud Platform**, improving system reliability and enabling concurrent access for **100+ users** while reducing response latency by **40%**

Student Researcher Sep. 2023 – Apr. 2024
Gensler *San Francisco, CA*
- Architected **full-stack React application** to enhance workplace self-awareness for **5,000+** Gensler employees, integrating real-time data visualization and user analytics dashboard
- Led cross-functional **team of 5** developers through **agile development process**, conducting user testing with **20 employees** and achieving **4.9/5 satisfaction rating** through iterative design improvements

PROJECTS

LiveCaps | *Next.js, TypeScript, Supabase* April 2025 - Present
- Developed real-time transcription web application using Deepgram's **speech-to-text API** and multiple translation services, implementing **WebSocket connections** for sub-second latency and serverless architecture with zero dependencies

iMovie | *Python, scikit-learn, pandas* Feb. 2025
- Built content-based movie recommendation system using TF-IDF vectorization and cosine similarity, processing 500+ movie datasets with titles, overviews, cast, and genres to deliver personalized recommendations

WELLTH | *Swift, OpenAI API, Apple HealthKit* Mar. 2024
- Developed iOS chatbot detecting burnout symptoms with 95% accuracy using Swift and OpenAI GPT integration, processing biometric data from Apple HealthKit to deliver personalized health recommendations

TECHNICAL SKILLS

Languages: JavaScript, Python, C#, C/C++, PHP, HTML/CSS, Tailwind CSS, SQL, Swift
Frameworks: Next.js, Django, React, Node.js, Express.js
Developer Tools: Git, Github, Linux, Google Cloud Platform, VS Code, MySQL, PostgreSQL, Supabase, Cursor
Libraries: pandas, NumPy, Matplotlib, SciPy, Seaborn, scikit-learn