

# Islam Assanov



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## EDUCATION

### Minerva University

San Francisco, CA

*Bachelor's of Sciences in Computational Sciences and Business*

*Expected 2027*

- **Relevant Coursework:** Introduction to Computer Science, Data Structures and Algorithms
- Ranked **the most innovative university** globally by WURI in 2024
- Innovative global curriculum with campuses in seven countries, focusing on experiential learning and interdisciplinary studies

## 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)

**Finalist in Astana IT University** competitive programming olympiad (2000 participants)

**Highest score** in A-level Computer Science (189/200) among 21 NIS school students (1200+ people)

## EXPERIENCE

### Software Engineering Intern

Feb. 2024 – Apr. 2024

*GlobalArt.AI*

*San Francisco, CA*

- Trained **Stable Diffusion 2** model using **Python**, creating over 50 samples of generative artwork
- Migrated the backend from Google Colab to **Google Cloud Platform**, enhancing public system access
- Coded online AR application using **Three.js** to improve user experience by increasing interactivity of artwork

### Student Researcher

Sep. 2023 – Apr. 2024

*Gensler*

*San Francisco, CA*

- Designed a project to enhance self-awareness of office workers at **Gensler HQ**, impacting **5000+ employees**
- Developed an MVP **React app**, tested by 20 Gensler employees, achieving **4.9/5 satisfaction rate**
- Led a team of 5 in presenting a final project proposal to an audience of over **300+ attendees**

## PROJECTS

### Chef.In | *Django, Python, PostgreSQL*

May 2024 - Present

- Coded website for community of cooking enthusiasts using **Django** and **PostgreSQL**
- Integrated chatbot feature using **OpenAI API** to improve recipe recommendations for users

### Pl-Speech | *Python, Whisper, DeepTranslator, PyQt5*

June 2024

- Created application for real-time speech recognition and translation using **Whisper** and **DeepTranslator**
- Implemented graphical Python user interface for real-time text change using **PyQt5**
- Tested application by successfully presenting it to **200+ people** audience at Econverse conference

### WELLTH | *Swift, OpenAI API, Apple HealthKit*

March 2024

- Designed and programmed chatbot-based health burnout detector with **98% accuracy** using **Swift**
- Managed a GPT-4 API using **Swift** and **Postman** to retrieve accurate personal health advice
- Retrieved user health data by integrating **Apple HealthKit API** to provide personalized health advice, improving user experience through tailored recommendations

### CaffeineAI | *JavaScript, Python, Zepp OS*

October 2023

- Developed backend for watch based application using **JavaScript**, achieving **85% accuracy** in calculating recommended caffeine consumption dose
- Fetched health data using **Zepp HealthKit** and **JavaScript** to tailor personal health recommendations for specific users

## TECHNICAL SKILLS

**Languages:** C/C++, Python, C# , PHP, HTML/CSS, Tailwind CSS, JavaScript, SQL, Swift

**Frameworks:** Django, React.js, Node.js, Express.js

**Developer Tools:** Git, Github, Linux, Google Cloud Platform, VS Code, MySQL, PostgreSQL

**Libraries:** pandas, NumPy, Matplotlib, SciPy, Seaborn