

# 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, Linear Algebra
- Ranked **the most innovative university** globally by WURI in 2024
- **Clubs and activities:** Google Developer Student Club member, UN Millennium Fellow (2025)

## 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

### Student Researcher

Sep. 2024 – Present

*Jubo Health*

*Taipei, Taiwan*

- Developed prompt-based search feature for **40,000 residents'** health data using **Intel OpenVINO** and **FastAPI** saving **30 minutes per decision**
- Presented project to audience of **70,000+** industry leaders and healthcare professionals at **Taiwan HealthCare+ Expo**, Asia's largest medical technology conferences

### Machine Learning Fellow

Feb. 2024 – Apr. 2024

*GlobalArt.AI*

*San Francisco, CA*

- Trained **Stable Diffusion 2** model using **Python**, creating over **50 samples** of generative artwork
- Migrated backend from **Google Colab** to **Google Cloud Platform**, enhancing public access to platform

### 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 burnout detector with **95% accuracy** using **Swift** and **OpenAI API**
- Retrieved user health data by integrating **Apple HealthKit API** to provide personalized health advice, improving user experience through tailored recommendations

## TECHNICAL SKILLS

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

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

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

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