

Islam Assanov

ASPIRING SOFTWARE DEVELOPER WITH A PASSION FOR LEARNING

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EDUCATION

Minerva University

Bachelor's of Sciences in Computational Sciences and Business

San Francisco, CA

Expected 2027

TECHNICAL SKILLS

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

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

Developer Tools: Git, Google Cloud Platform, VS Code, VIM, MySQL, PostgreSQL

Libraries: pandas, NumPy, Matplotlib, scipy, spaCy

EXPERIENCE

Software Engineering Intern

GlobalArt.AI

Feb. 2024 – Apr. 2024

San Francisco, CA

- Trained **Stable Diffusion 2** model using **Python**, creating over 50 samples of generative artwork
- Migrated the backend from Google Colab to **Python** on 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

Gensler

Sep. 2023 – Apr. 2024

San Francisco, CA

- Designed a project to enhance self-awareness of office workers at **Gensler HQ**, largest architectural company
- Developed an MVP using **React**, tested by 20 Gensler employees, achieving **4.9/5 satisfaction rate**
- Coordinated 8 meetings as point of contact with employees from **\$2 billion company**

PROJECTS

WELLTH | *Swift, GPT 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

Regression | *Python, sciPy, Matplotlib, Numpy*

January 2024

- Created custom visualizations including scatter plots, residual plots, and QQ plots, using **Matplotlib** and **Seaborn**, providing comprehensive view of data characteristics and relationships
- Leveraged Python data libraries to streamline data validation and accuracy checks, using **NumPy** and **Statsmodels** for statistical computations and hypothesis testing

CaffeineAI | *JavaScript, Python, TensorFlow, Zepp OS, Git*

October 2023

- Developed backend for watch based application using **JavaScript**, achieving **85% accuracy** in calculating recommended caffeine consumption dose
- Trained and connected **TensorFlow** based Large Language Model to backend to improve advised dosage accuracy
- Fetched health data using **Zepp OS API** and **JavaScript** to tailor personal health recommendations for specific users

Mechanical Waves | *C#, .Net, Windows Forms, MySQL*

Jan 2020 - Feb. 2021

- Created **C#** application for self-study, tested by **80 high-school students**, leading to **26% grade improvement**
- Used **MySQL** and **.NET** to store, access, and display data from **1000 different lessons**

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 (199/200) among 21 school students (1200+ people)