Islam Assanov

ASPIRING SOFTWARE DEVELOPER WITH A PASSION FOR LEARNING

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EDUCATION

Minerva University   San Francisco, CA
Bachelor's of Sciences in Computational Sciences and Business   *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   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 **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   Sep. 2023 – Apr. 2024
Gensler   *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

Chef.In | *Django, Python, PostgreSQL*   May 2024 - Present
- Coded website for community of cooking enthusiasts using **Django** and **PostgreSQL**
- Implemented search, pages, and fetching nutritional facts using **EDAMAM API**
- Implemented chatbot 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 user interface for **Python app** using **PyQt5**
- Presented application to **200+ people** audience at Econverse conference

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

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 HealthKit** and **JavaScript** to tailor personal health recommendations for specific users

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)