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

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**
- Implemented search, pages, and fetching nutritional facts using **EDAMAM API**
- 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

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)