Khaled Khan

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EDUCATION

University of Connecticut   Stamford, CT

Bachelor of Science, Computer Science and Engineering (GPA: 3.88)   *May 2027 (Expected)*

Relevant Courses: Data Structures and Object Oriented Programming, DEEP Learning, Calculus II, Macroeconomics

TECHNICAL SKILLS

Programming Languages: Python, HTML5

Software: VS Code, Github, Microsoft Office Suite, Google Office Suite, Adobe Creative Cloud Applications

PROJECTS

YQuantum (SandboxAQ Challenge)   *April 2024*
- Implemented Variational Quantum Eigensolver (VQE) with the use of classical and quantum algorithms within the realm of material sciences. This allowed for precise simulations of molecules found in solar cells, enabling us to accurately predict their interactions with solar radiation.

AI Chatbot   *March 2024 - In Progress*
- Utilized Google's Gemini API and NodeJs to create a Generative AI Chatbot. The bot takes in user input, and replies with a calculated response. Questions the bot can answer include, the day of the week, math problems, and more.

PROFESSIONAL EXPERIENCE

Extern, Remote   *May 2024 - June 2024*
Webacy Blockchain and Web3 Research Extern
- Performed an in-depth analysis of blockchain technology, focusing on emerging technologies and evaluating their market positioning and technical capabilities.
- Examined Web3 security competitors, detailing their product features, strategic market positioning, and customer insights to identify potential market disruptors.
- Consolidated research findings to improve the company's competitive edge in the digital space.

ACTIVITIES

Google Developer Student Club - Complete Leetcode problem sessions, Listen to guest speakers including Head of Data Science at Bloomberg Michael Beal, and network with fellow STEM peers.

Advanced Computer Science Club - Participate in club meetings, receive updates on jobs/internships within the field of CS, uphold and adapt to coding practices, gain tips to achieve programming competence.

Pathways to Tech by Headstarter - Heard from 10x Hackathon winner/co-founder of Headstarter. Gained advice from former Google and current senior software engineer at Stripe on 5 practices to succeed in computer science. Acquired knowledge on coding practices from a Two Sigma software engineer. Received insight on recruiting at Duolingo, from head of AI at Duolingo Klinton Bicknell.

Hackathons - YQuantum 2024, Google AI Hackathon

UConn Honors Program - Take part in honors community and academic events. Conduct Independent research on Real Analysis, and the study of proofs in mathematics.

AWARDS

YQuantum 2024 - (1st place in SandboxAQ challenge)
University Of Connecticut - Dean's List, Spring 2024
Alpha Lambda Delta - Honors Program