

Keya Shah

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EDUCATION

New York University | Abu Dhabi, UAE (primary), Courant, Stern, Steinhardt, Tisch IMA May 2026
Bachelor of Science in Computer Science & Interactive Media

Relevant Coursework: Applied Internet Technology (Full Stack), Human Centered Data Science, Data Structures, Algorithms, Computer Systems and Organization, Computer Networks, Mobile Development Lab (iOS), The Startup Lab, Operating Systems, Social Media and Political Participation, Creative Robots and Tech (Arduino), Intro to Occupational Therapy

SKILLS

Technical Proficiencies: Python, C++, C, MySQL, JavaScript, Swift/SwiftUI, React, MongoDB, LlamaIndex, TogetherAI, Streamlit, Node.js, p5.js, ml5.js, Processing, OpenCV, TensorFlow, HTML & CSS, Bootstrap, R, Arduino

Tools and Methodologies: Git, Jupyter Notebook, Xcode, Figma, Unity, Canva, Illustrator, Photoshop, Premiere Pro, Agile

Languages: English, Hindi, Gujarati (*Fluent*); Arabic, French (*Read and Write*)

PROFESSIONAL EXPERIENCE

Al Fahad Enterprises, Full Stack intern | Abu Dhabi, UAE December 2024 – Present

- Developing and enhancing web applications with robust front-end and back-end functionalities for seamless user experiences.
- Working in an Agile environment to iterate on features, troubleshoot issues, and ensure optimal system performance.

CITIES - SONIX, Research Assistant | Abu Dhabi, UAE January 2024 – December 2024

- Conducted data collection and preprocessing to train ML models for analyzing urban noise pollution.
- Visualized noise data to identify and mitigate pollution effects, contributing to healthier city environments.

WeSTEM, Head of Web | Abu Dhabi, UAE January 2023 – September 2024

- Led the design, development, and deployment of web-based projects, leveraging modern design principles and front-end frameworks to create an accessible platform.
- Deployed the platform at NYUAD, significantly enhancing user engagement, support, and empowerment of women in STEM.

Residential Life NYUAD, First Year Resident Assistant | Abu Dhabi, UAE August 2023 – May 2024

- Coordinated and led diverse student activities, using strategic problem-solving to foster a more inclusive campus community.
- Managed administrative duties and emergency responses, providing effective support to the Student Life team.

Neurobotx, Simulation Engineering Intern | Abu Dhabi, UAE June 2023 – July 2023

- Contributed to the development and testing of Boeing-backed VR-to-AI simulations during the pilot phase, using problem-solving and creativity to implement new features and create 3D models, enhancing the realism of simulations.

LEADERSHIP & OTHER EXPERIENCE

Silicon Valley Fellowship, Fellow | San Francisco, USA

- Selected among the top 4% globally for excellence in technology and leadership, with access to mentorship from top-tier companies (Apple, Google, Amazon, Tesla).

Llama 3 Hackathon by Lablab.ai, Developer | Stockholm, Sweden [Remote]

- Led the frontend design and developed an LLM-based Mood Agent using LlamaIndex, Streamlit, and TogetherAI that provides emotional support, logs user moods, offers personalized coping strategies, and suggests activities to promote a positive mindset.

Quantum Computing Hackathon for Social Good in the Arab World, Developer | Abu Dhabi, UAE

- Collaborated with the backend team to develop a disaster risk reduction and management app using SQL, aligning with Sustainable Development Goal 11 (Sustainable Cities and Communities).

PROJECTS

Voithos (2024): Developed a multi-agent system to classify and process student queries into categories (scheduler, wellness, diet, note maker), generating tailored prompts for each and aggregating responses for efficient task completion.

Social Media Analysis of a Congressman's Twitter Activity (2023): Conducted sentiment analysis, topic modeling, and engagement metrics on 3200+ tweets using R and the Twitter API, correlating findings with strategic content through interviews with the social media director.