

Keya Tejesh Shah

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A hard-working, inquisitive, and meticulous student who plans to pursue further studies in Computer Science & Interactive Media and is enthusiastic to learn and work.

Education

- New York University, Abu Dhabi (2022 - Present)
 - ❖ Bsc. in Computer Science with a double major in Interactive Media. GPA: 3.83
 - ❖ Relevant Coursework: Introduction to Computer Science, Data Structures, Human Centered Data Science, Wayfinding - Graphic Design, Discrete Mathematics, Calculus, Social Media and Political Participation, Computer Systems and Organization, Algorithms, Introduction to Interactive media, Communications Lab, Games and Play
- Indian High School, Dubai (2020 – 2022)
 - ❖ 95.2% in Grade 12 CBSE Examination
 - ❖ 96.8% in Grade 10 CBSE Examination.

Work Experience

- CITIES Research Assistant - SONIX January 2024 - Present
 - ❖ Collection and preprocessing of Data
 - ❖ Parameterizing and training ML models to identify different facets
 - ❖ Visualization of the sonic scape to tackle the issue and find solutions to mitigate the effects of noise pollution on people's psychological and physical health
- Weyak Leader, NYU Abu Dhabi August 2023 - Present
 - ❖ Demonstrated adaptability and resilience in coordinating and leading diverse student activities.
 - ❖ Utilized problem-solving skills to address student concerns and ensure a positive experience.
 - ❖ Community development programming, On call duty and emergency response, Administrative responsibilities
- Simulation Engineer, Neurobotx (Summer Internship) June 2023 - August 2023
 - ❖ Applied problem-solving and creativity to assist in the development of interactive simulations.
- Head of Web and Lead Developer - weSTEM January 2023 – Present
 - ❖ Oversaw the planning, development, and deployment of web-based projects in a team of developers.
 - ❖ Collaborated with cross-functional teams.
 - ❖ Implemented modern design principles to create aesthetically pleasing user experiences.
 - ❖ Integrated front-end frameworks like Bootstrap or Material-UI to expedite development and ensure cross-browser compatibility.

Leadership Experience

- weSTEM, NYUAD January 2023 – Present
 - ❖ Head Of Web
- Toastmasters International September 2019 - October 2021
 - ❖ Member of Creative Mines Gavels Club, participated and won in numerous elocution and declamation competitions in English, French, and Arabic.
- Senior House Captain April 2019 - March 2020
 - ❖ Part of the School's student council and responsible for managing a team of 150+ students

Academic achievements

- 8th Middle East Education Awards 2022 winner category – Exceptional achiever category
- School topper for CBSE grade 10 exams

- Subject proficiency awards for French 99% 2019, 2020
- Subject proficiency award for Math 100% - 2020
- Sanskrit Course affiliated to Indian Consulate, UAE, distinction award, Sanskrit cultural winner

Skills

- Languages: Fluent: English, Hindi, Gujarati; Read and Write: Arabic, French, Spanish
- Computer: Python, C++, C, SQL, javascript, P5.js, ml5.js, Processing, OpenCV, Adobe Illustrator, Photoshop, Indesign, Microsoft office, WordPress, HTML, CSS, Bootstrap, Jupyter Notebook, R, Audacity, Github, Ableton, Unity
- Adaptability, Resilience, Problem solving, Creativity, Communication, aptitude for design, Time management

Related Projects

- Bike Race Game: Worked in a pair of two to develop and create a Bike race game using Python, Processing and fundamental concepts of physics as a final project for a class - 2022
- Twisted Twister: Built an Interactive physical game that helps prevent smartphone fingers along with providing the fun aspect of a game using arduino, p5.js
- Built and managing a website for an organization that supports and works towards empowering Women in STEM.
- Built a Game Hub with 6+ games(classic and innovative), for Computer Science Final Project on python and MySQL - 2022
- Programmed various management projects like Store management, Library, Travel etc on Python and SQL - 2021

Community Involvement

- Donated hair for Breast Cancer patients through Pink Caravan, Sharjah
- Participant of Al Noor's Annual hope for children's funfair
- Writer and Editor for community magazine for articles based on Science and spirituality.