

Fatima Nadeem

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EDUCATION

New York University Abu Dhabi

Graduating May 2024

Major: Computer Science, Minor: Interactive Media, Overall GPA: 3.79/4.00

Relevant Courses: Data Structures, Algorithms, Software Engineering, Software Art, Communications Lab, Human-centred Data Science

Relevant Coursework:

- Pair project creating a financial tracker (python) with emphasis on software engineering practices (planning, modelling, documenting, implementing a prototype and testing)
- Web portfolio (software art and web development projects) <https://fatima2039.github.io/Profile>
- Group field research on feminism in movies, quantitative data analysis (python) of current metrics and designing qualitatively enhanced metrics
- Designed college-life-themed Processing (Java) game based on collision theory and key-based control
- Created interactive installation using Arduino circuit (C++), and Processing (Java) code
- Developed interactive OpenFrameworks (C++) apps focused on visuals

WORK EXPERIENCE

Sherwood Research Group - NYUAD, Abu Dhabi

February 2022 - May 2022

Student Research Assistant (Interactive Media)

- Assisted professional Interactive media artist, Aaron Sherwood in assembling and testing different mechanical and software components of large-scale multi-sensory travelling installations
- Performed administrative tasks such as supplies tracking and progress maintenance

NYUAD Student Life, Abu Dhabi

July 2021 - December 2021

First-Year Dialogue Facilitator

- Mentored and assisted 11 incoming first-year university students in navigating the university and its resources
- Organised group discussions and facilitated dialogues on diversity, transition, and inclusivity

ComNets - NYUAD, Abu Dhabi

February 2021 - May 2021

Student Research Assistant (Tool Tester)

- Created labeled dataset of critical and non-critical JavaScript in modern web pages
- Decomposed webpages into essential elements through a labeled record of the visual elements
- Analysed efficiency of the designed tool in displaying optimised webpages for mobile users

VOLUNTEER EXPERIENCE

Sahaelie, Lahore

September 2021 - Present

Human Resource Associate

- Assist with onboarding of new team members and communicate organisational achievements and goals on social media and to different potential interested stakeholders

Girls Education Network, Abu Dhabi

October 2020 - December 2020

Human Resource Associate

- Facilitated weekly discussions for 6 high-school students on engagement, growth, and leadership in changing times during the global pandemic

SKILLS

- Languages: Bilingual in Urdu & English
- Programming (Python, C++), Web Development (HTML, CSS), Processing, Arduino, OpenFrameworks, Microsoft Office Suite, Google Workspace