FATIMA NADEEM

Sophomore
Computer Science Major
Interactive Media Minor
Location: Abu Dhabi, UAE
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Linkedin:
https://www.linkedin.com/in/fn2039
Portfolio:
https://fatima2039.github.io/Profile/

SKILLS

Python
C & C++
HTML, CSS, JavaScript
Java
Processing
Arduino
LaTeX
Microsoft Office Suite
Google Drive Suite

VOLUNTEER

Sahaeli, Pakistan
Sept 2021 - Present
Girls Education Network, UAE
Oct 2020 - Dec 2020
Global Youth Mentoring Initiative Program
Aug 2018

AWARDS

Full-Ride Academic Scholarship,
New York University Abu Dhabi,
2020 – 2024
Academic Excellence Award,
Roots Millennium Future World School,
2019
Full Tuition Scholarship,
Roots Millennium Future World School,
2018 – 2020

TEST SCORES

SAT 1520/1600
Dec 2019

A passionate individual with ability to work independently as well as with a diverse group. Intend to explore fields of software development and software-based Interactive Media Art.

EDUCATION

BS Computer Science

New York University Abu Dhabi   *UAE (2024)*
Coursework: Programming, Software Development, Software Art, Calculus, Data Structures, Algorithm Design, Data Science, Interactive Art, and Web Development
Programming Projects*: Virtual FileSystem (C++), Movie Theater Management System (C++), Word Search Wizard (C++), FA's Stories (Web, Python), Bobbing Melody (Java Processing), Stress Free NYUAD? (Java Processing)
*more on github portfolio
CGPA: 3.879

Cambridge A-Level

Roots Millennium Future World School   *Pakistan (2020)*
Coursework: Mathematics, Computer Science, Physics, Chemistry
CGPA: 3.875

EXPERIENCE

First-Year Dialogue Facilitator   *July 2021 – Dec 2021*
NYUAD Student Life (First-Year Experience)   *UAE*
- Welcoming first-year students and supporting their transition to university
- A peer mentor to help incoming students reflect on and navigate university and resources and connect them to the community

Student Assistant   *Feb 2021 – May 2021*
NYUAD Student Assistantship Program   *UAE*
Project: "Javascript usage analysis in modern pages"
- Analyze the usefulness of JavaScript in modern web pages by creating a labeled dataset of critical and non-critical JavaScript
- Observe their impact directly on the page using a tool

Project: "Webpage Labeling Study"
- Analyze web pages to label all the visual elements to be able to decompose pages into their basic elements

Project: "Webpage Comparison Study"
- Compared and analyzed the similarity of the web page created from the automated tool to help low-end mobile web users

Student Intern   *Aug 2019 - Sep 2019*
Plan9 - Whizkids Program   *Pakistan*
- Learned about human integration with tech eco-systems and worked on entrepreneurship and computational skills

Teaching Assistant   *Aug 2019 - May 2020*
Roots Millennium Future World School   *Pakistan*
- Assisted peers with chemistry coursework and worked with the instructor on concerns and suggestions of students