

# Sneheel Sarangi

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## Education:

New York University Abu Dhabi

Bachelor of Science in Computer Science, Philosophy

GPA: 3.926/ 4.00

Expected Graduation: May 2024

**Relevant Coursework:** Discrete Math, Data Structures, Algorithms, Computer Systems, Multivariable Calculus, Computer Networks (present), Operating Systems (present)

**Relevant Skills:** (*Proficient*): Python, C/C++, SQL, HTML/CSS/JavaScript  
(*Familiar*): R, React, Flutter, AWS

## Work Experience

- **Deputy Web Chief** *August 2021 – Present*  
*The Gazelle*
  - Regularly maintained and updated the website for the Gazelle.
  - Worked on cleaning and organizing the outdated codebase.
  - Made key strategic decisions on the layout of the website.
- **Web and Software Development Lead** *July 2021 – Present*  
*Google DSC @ NYUAD*
  - Planned events with other leads to encourage collaboration between student developers.
  - Lead initiatives to ideate and design websites and web apps useful for the student community.
  - Mentored peers on libraries such as threejs.
- **Tawassul Team Volunteer** *April 2021 -- December 2021*  
*Expo 2020 Dubai*
  - Managed the media management system at Expo 2020 Dubai- Tawassul.
  - Interacted with media persons and helped them navigate the system.
- **Co-Founder/Web and App Developer** *March 2021 -- Present*  
*Nangeli*
  - Designed and built a provisional landing page.
  - Conducted market surveys, and created design themes.
  - Building an internal tool using React to help operations.

## Projects

- **Procrastination Hunter**
  - Built a game inspired by Space Invaders using Processing and Python.
- **Word Count Wizard**
  - Made a word counter using C++ which can be used to generate insights from any document.
- **Sprouty**
  - Built a discord bot that can be used as a to-do list for multiple users on a server.
  - Implemented a version of the classic game “Battleship”
- **Virtual File System**
  - Built using C++, implemented common commands such as cd, rm, mv, etc.
- **Interactive Sphere Webpage (threejs)**
- **Sudoku solver**