Raiyan Reza
Software Developer @ UniMed UniHealth | BS in CS @ New York University

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🌐 https://srr408.github.io **OR** scan QR code

EXPERIENCE

UniMed UniHealth Pharmaceuticals, IT Department, Dhaka, Bangladesh

Software Developer, Jan, 2025 - **Present**
- Developing an inventory management system for the IT department. (**Django**)
- Built a web scraper to automate data collection from the web, effectively reducing two to three days of manual data collection and entry to a few hours of work. (**Python** | **Selenium** | **Beautiful Soup** | **Pandas** | **Lxml**)

Intern, Oct, 2024 - Dec, 2024
- Designed the database architecture for the backend of a planned internal inventory management (**Django**)
- Built a web scraper to automate data collection from the web, **effectively reducing two to three days of manual data collection and entry to a few hours of work**.
(**Python** | **Selenium** | **Beautiful Soup** | **Pandas** | **Lxml**)

PROJECTS

Qalb+ (**Django**)   Aug, 2022 - Dec, 2022
Collaborated with my four team members on all stages of **building a web application prototype** letting patients meet doctors online in the region of **United Arab Emirates**, a work that was received well.

Context Free Parser For Chinese Grammar (**Python** | **Haskell** | **LaTex**)   Aug, 2022 - Dec, 2022
Researched with my teammate, Anh Nhat (Daisy) Huynh, and thesis advisor, Dr. Paul-André Melliès, on a theoretical work on parsing algorithms, **a very advance topic for undergraduate students**.

A Sketch of A Pandemic (**JavaScript** | **D3.js**)   Aug, 2020 - Dec,2020
Created **an interactive webpage** that contextualized the spread of the pandemic in the USA in a global setting, a project that was within the top percentile of submitted works on **information visualization**.

EDUCATION

New York University, NYU Shanghai*, Shanghai, China, Class of 2023
Bachelor of Science, Computer Science, CGPA: 3.3 / 4.0

NYU Shanghai is to NYU, what any other NYU school, like NYU Stern or NYU College of Arts and Sciences is to NYU, therefore, admission process and degree conferral is identical. NYU Shanghai alumni are awarded an NYU degree as any other NYU school.

TECHNICAL SKILLS

Languages: Python, C, C++, Haskell, JavaScript, SQL
Framework & Tools & Others: Django, D3.js, LaTex, Pandas, NumPy, Matplotlib, HTML, CSS, Selenium, Beautiful Soup, Lxml

ACTIVITIES

English Language Partnership   Apr, 2024 - Jul, 2024
New York University Alumni Program
Organizing and holding conversation sessions with a Ukrainian affected by the ongoing war in their home country in order to improve their conversational skills in English.

Undecidability, Uncomputability, and Unpredictability Essay Contest   Apr, 2020
Foundational Questions Institute
Co-authored a well rated for an essay competition on the topic of intersection **of Gödel's incompleteness theorems**, **the halting problem**, and **unpredictability in quantum mechanics** that primarily drew scientists, philosophers, engineers and people from similar professions

LANGUAGES

English, IELTS Overall Band Score of 8.0 | Farsi/Persian, Conversational | Bangla, Conversational | Mandarin, Limited