Nushrah Yanida

+852 56949126 | nyanida2-c@my.cityu.edu.hk | linkedin.com/in/nushrah | github.com/Nushrah | nushrah.github.io/Nushrah

EDUCATION

City University of Hong Kong Hong Kong SAR
Bachelor of Science in Computer Science *Aug 2023 – Jun 2027*

EXPERIENCE

Technical Assistant Jun 2024 – Present
City University of Hong Kong *Hong Kong SAR*

- Developing and launching the DEI@Work website for City University HK's Social and Behavioural Sciences department, focused on workplace diversity, equity, and inclusion.
- Led front-end development using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**, creating a responsive, mobile- and desktop-friendly site that prioritizes accessibility and user engagement, achieving an overall site rating of **95%** in performance tests.
- Conducted weekly **UX/UI design** reviews with stakeholders, utilizing **Figma** for wireframing and **Adobe XD** for prototyping, ensuring a visually appealing and intuitive user experience.

Full-stack Development Intern Jun 2024 – Aug 2024
PerformVE Limited *Hong Kong SAR*

- Developed internal software for The Neighborhood Advice-Action Council (NAAC) and a clinic, writing nearly **20k** lines of code. Delivered completed web applications that boosted organizational efficiency by **50%** and **90%**, respectively.
- Designed and optimized **25+** webpages using **React** and **TypeScript**, introducing dynamic components and conditional logic that reduced form completion time from 10 minutes to **under 3**, enhancing user experience.
- Integrated **RESTful APIs** with **MongoDB** using **Axios**, improving error handling and securing medical data with **JWT authentication** and **encryption**. This reduced form rejections by **30%**, data transmission errors by **40%**, and ensured HIPAA compliance.
- Resolved critical API and database integration challenges and worked with team members' code, utilizing **Git version** control and effective error handling within the team. Also, successfully planned and executed importing React tables to Excel through collaboration on a custom API.

Information Technology Intern Apr 2023 – Jun 2023
Siemens Healthineers *Dhaka, Bangladesh*

- Designed and built an extensive and interactive **Excel** database for the employee-assigned electronics data for **80+** employees in the healthcare division of the whole organization, streamlining any future data updating process. Also provided day-to-day IT support.

Data Analysis Intern Aug 2022 – Oct 2022
icddr,b *Dhaka, Bangladesh*

- Cleaned, processed, and analyzed historical trends in education in Bangladesh from the past 100 years using **Stata** and Bangladesh Demographic and Health Survey datasets to create a report being used in current research.

PROJECTS

Bubble Pop Game | *Python, OpenCV* link

- Built a webcam-based interactive game using OpenCV and Python
- Implemented bubble spawning, popping mechanics, and collision detection with OpenCV's video stream handling and drawing functions.

Equipment Lending Club Management System | *Java, Flask, JavaScript, HTML, Bootstrap* link

- Built a full-stack application with Flask (Python), Java, and a responsive HTML/CSS/JavaScript frontend to manage member registration, inventory, and equipment borrowing.
- Integrated Python for APIs and Java for business logic, ensuring a robust OOP design and error handling, enabling batch .txt file processing.
- Deployed on Heroku, demonstrating expertise in cloud deployment, RESTful API design, and scalable full-stack development.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Frameworks: React, TypeScript, Node.js, Flask, Bootstrap
Developer Tools: Git, VS Code, Visual Studio, JWT, MongoDB, Oracle, Heroku, Figma, Adobe XD