Shahman Ali

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A determined and ambitious third year CS+AI student always on the lookout for new challenges to overcome. Ready to leverage my technology skills and business acumen to create a positive mindset!

Education:

The Hong Kong University of Science and Technology   **Sep 2022- May 2026**
BEng in Computer Science with an extended Major in Artificial Intelligence   *CGA:3.85 (Top 5%)*
Featured Coursework: Artificial Intelligence, Database Management Systems, Image Processing

Industry Experience:

Neural Lab– *Data Engineer Intern*   **Jun 2024- Aug 2024**
- Communicated with international stakeholders to design and develop a system using CNNs for optimization of aviation-related processes geared towards improving On-Time Performance.
- Used REST APIs for data retrieval from multiple sources to train a Keras-based deep-learning model.

USThing Mobile Application – *President*   **May 2023- Present**
- Leading USThing, HKUST's most used mobile application with 8,000+ total users coordinating tech and business.
- Oversaw migration from native platforms to React Native, building new features and leading business operations.

Get Salvaged – *Software Development Intern*   **Dec 2023- Feb 2024**
- Developed software using Lean development approach to automate Shopify product upload by automating >50% of inputs and reducing processing time by 80% allowing batch upload of upto 1000s of products.
- Designed front-end prototypes using Streamlit and utilizing Git and GitHub extensively while ensuring best industry practices, such as code review, creating new branches for features, and making pull requests.

HKUST Division of Environment and Sustainability – *Research Assistant*   **Jan 2023- Sep 2023**
- Developed solutions with Professor Sauerwein in partnership with a water sustainability company (Urban Spring) to monitor the water withdrawal behavior of university students. Responsible for data compilation, manipulation and analysis using Excel, Tableau, and R (Time Series Analysis, Pivot Tables, Statistical Testing).

Co-Curricular Activities:

unhinjed – *Founder and CEO*   **Nov 2024- Present**
- Leading and building unhinjed, a competition and event directory platform for students across Hong Kong.
- Building new features including AI-powered checker, random grouping, and community development.

Robotics Team HKUST – *Senior Member*   **Dec 2022- Present**
- Building mechanical structures for vehicles participating in multiple international competitions using 3D Printing technologies, CNC Machines, and Aluminum. Awarded the gold medal at Robogames, USA, 2023.

Student Innovation for Global Health Technology (SIGHT) Team – *Member*   **Sep 2022- May 2023**
- Curated and successfully executed a week-long holistic development project in Chiang Mai, Thailand aimed at STEM Education, financial literacy, and physical development of the tribal youth to raise interest in education.

Certifications & Achievements:

Hong Kong Institution of Engineers (HKIE) Scholarship 2023/2024   **Dec 2023**
- Awarded to only three students across HK annually in recognition of academic merit, extracurricular activities, leadership qualities and personality. Cash prize of 20,000 HKD per year renewable for 4 years.

AWS Certified Cloud Practitioner Certificate   **Sep 2023**
- Validated my knowledge of AWS Cloud concepts across a variety of IT fields such services, security, networking, databased and architectural best practices in the AWS system.

Google Data Analytics Professional Certificate   **Dec 2022**
- Manipulated and analyzed data using powerful Excel tools, and Tableau making use of industry standard practices, including using R programming to create visualizations to optimize business operations.

Accenture Data Analytics and Visualization Virtual Experience   **Jan 2023**
Three Times Dean's List & Full Tuition Scholarship at HKUST   **2022-2026**

Professional Competencies:

Programming: Python (including ML libraries), C++, Streamlit, HTML, CSS, Java, React
Data Analysis and Visualization: R, SQL, Tableau, Excel

Skills and Interests:

General Purpose Skills: Microsoft Office, Canva
Languages: English (*Fluent*), Urdu (*Native*), Hindi (*Fluent*)
Hobbies: Reading Behavioral Science books, Playing Squash, Watching documentaries