

Shahman Ali

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in [ShahmanAli](#)

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A determined and ambitious second year CS+AI student always on the lookout for new challenges to overcome.
Ready to leverage my tech skills and business mindset with a philosophy of being truly interdisciplinary!

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- Present

- Communicating with international stakeholders to design and develop a system using CNNs for optimization of aviation-related processes geared towards improving On-Time Performance.
- Using REST APIs for data retrieval from multiple sources to train a Keras-based deep-learning model.

➤ **USthing Mobile Application** – *President*

May 2023- Present

- USthing is HKUST's most used mobile application with more than 5,000 total users.
- Overseeing migration from native platforms to React Native, building new features and business operations.

➤ **Get Salvaged** – *Software Development Intern*

Dec 2023- Feb 2024

- Developed a 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).

➤ **Chatbot Developer** – *Freelancer*

Feb 2020- Present

- Designed chatbots for 30+ clients to optimize 10,000+ Meta platform conversations using Zapier Integrations.
- Leveraged Manychat, Google DialogFlow and IBM Watson to find the ideal solution adapted to client satisfaction.

Co-Curricular Activities:

➤ **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++, Java (Basic), Streamlit

➤ **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