

POON, Kwan Hei Anson

+852 5617-6679 @poonkwanheianson@gmail.com [linkedin.com/in/kwan-hei-anson-poon/](https://www.linkedin.com/in/kwan-hei-anson-poon/) ely2112.github.io/personal-website/

WORK EXPERIENCE

Hong Kong Exchanges and Clearing Limited (HKEx)	Hong Kong SAR, China
Summer Intern	Jun – Aug 2024
<ul style="list-style-type: none">Enhanced internal design systems by building 2 analysis websites, implementing Shift Left Testing practices, and identifying and addressing over 10 gaps, enhanced early defect detection and improved system alignmentDeveloped 2 new components to improve user experience, resulting in a consistent design system that boosted web development progress and reduced interface inconsistenciesResearched and presented web analytics tool, Microsoft Clarity, to UI/UX teams, resulting in targeted improvements to the user interface that significantly enhanced usability and user engagement	
Hospital Authority	Hong Kong SAR, China
Summer Intern	Jul - Aug 2023
<ul style="list-style-type: none">Created an AI model to predict patient length of stay using 100,000+ records, achieving 70.2% accuracy, optimized hospital bed allocation, reduced bed occupancy time, and enhanced clinical resource managementInvestigated OCR models for handwritten medical referral letter recognition, increasing efficiency in appointment scheduling, reducing processing time, and reducing the need for manual checks, saving substantial human effort	
Optix Solutions Limited	Hong Kong SAR, China
AI R&D Intern	Jun - Jul 2023
<ul style="list-style-type: none">Developed a semantic analysis NLP model for MTR Corporation Limited's construction site reports with over 95% accuracy, streamlined daily report screening, reducing engineers' workload and contributing to maximize building safetyRemodelled software front-end and UI using C# Windows Forms for the Education Bureau's secondary student elective subject selection process, improved the efficiency and user experience of the selection process	
ATTA Technologies	Hong Kong SAR, China
Research Engineer Intern	Dec 2022 - Jan 2023
<ul style="list-style-type: none">Built an interactive fitness game using human action recognition model, encouraged sports participation among teenagers	

EDUCATION

ETH Zurich (Swiss Federal Institute of Technology Zurich)	Zurich, Switzerland
Exchange Student	Expect Sep 2024 - Jan 2025
<ul style="list-style-type: none">Relevant Coursework: Web Engineering, Human Computer Interaction, Visual Computing	
Hong Kong University of Science and Technology (HKUST)	Hong Kong SAR, China
Bachelor of Engineering in Computer Science with an Extended Major in Artificial Intelligence	Sep 2021 – Expect May 2025
<ul style="list-style-type: none">CGPA: 3.92 / 4.30; Dean's List for all 6 semestersUndergraduate Teaching Assistant for Python Course; Undergraduate Researcher specializing in Computer Vision AI	

EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS

Bloomberg Academy (Data) Program	Hong Kong SAR, China
Participant	Jun 2024
<ul style="list-style-type: none">Gained insights into Bloomberg's data application and developed an ESG ranking model to assess companies within 8 hours	
Innovation and Technology Scholarship 2024	Jun 2024
<ul style="list-style-type: none">Awarded HK\$150,000, as one of 25 recipients for overseas exchange and outreach programs	

SKILLS

Languages: English, Cantonese, Mandarin

Programming Skills: Python, C/C++, Java, HTML/CSS, JavaScript, C#, PyTorch, Scikit-learn, React, Material-UI, Figma, GitHub