

POON, Kwan Hei Anson

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WORK EXPERIENCE

Hong Kong Exchanges and Clearing Limited (HKEx)	Hong Kong SAR, China
Summer Intern	Jun – Aug 2024
<ul style="list-style-type: none">Refined HKEX internal design system by building 2 analysis websites, implementing Shift Left Testing practices, and identifying and addressing over 10 gaps, leading to earlier defect detection and better system alignmentDeveloped 2 new components for HKEX internal design system 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 enhanced usability and user engagement by 10%	
Hospital Authority	Hong Kong SAR, China
Summer Intern	Jul - Aug 2023
<ul style="list-style-type: none">Collaborated with doctors and seniors data scientist to create an AI model for predicting patient length of stay using 100,000+ records, achieving 70.2% accuracy, optimizing hospital bed allocation and enhancing clinical resource managementInvestigated OCR models for handwritten medical referral letter recognition, increasing efficiency in appointment scheduling, reducing processing time, and saving substantial human effort by minimizing manual checks	
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	Sep 2024 - Present
<ul style="list-style-type: none">Relevant Coursework: Wireless Network and Mobile Computing, 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 – Present
<ul style="list-style-type: none">Year 3 Student; 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