

# POON, Kwan Hei Anson

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## WORK EXPERIENCE

<b>Hong Kong Exchanges and Clearing Limited (HKEx)</b>	Hong Kong SAR, China
Summer Intern	Jun – Aug 2024
<ul style="list-style-type: none"><li>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 alignment</li><li>Developed 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 inconsistencies</li><li>Researched 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</li></ul>	
<b>Hospital Authority</b>	Hong Kong SAR, China
Summer Intern	Jul - Aug 2023
<ul style="list-style-type: none"><li>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 management</li><li>Investigated 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</li></ul>	
<b>Optix Solutions Limited</b>	Hong Kong SAR, China
AI R&D Intern	Jun - Jul 2023
<ul style="list-style-type: none"><li>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 safety</li><li>Remodelled 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</li></ul>	
<b>ATTA Technologies</b>	Hong Kong SAR, China
Research Engineer Intern	Dec 2022 - Jan 2023
<ul style="list-style-type: none"><li>Built an interactive fitness game using human action recognition model, encouraged sports participation among teenagers</li></ul>	

## EDUCATION

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

## EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS

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

## SKILLS

Languages: English, Cantonese, Mandarin

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