

AU Pui Sze, Ceci

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EDUCATION AND ACADEMIC QUALITIES

2022-Present	Humber College Institute of Technology & Advanced Learning Graduate Certificate in Web Development Expected graduation: Aug 2023
2016-2021	Hong Kong University of Science and Technology Bachelor of Engineering (BEng) in Electronic and Computing Engineering Minor in Information Technology
2018	National Tsing Hua University (Exchange)

CAREER OBJECTIVE

I want to be a professional in software development. Although I am not majoring in Computer Science, I found my passion in programming during internships and therefore I applied for a minor program in information technology in my last year of university. I will align my values of helping people in my career path as a software developer.

ACADEMIC PROJECT/COURSEWORK

- Electronic Circuits and Systems
- Programmable Logic Devices
- Analog Integrated Circuit Design
- Frontend Development
- Communication Systems Sequence
- Basic Digital Signal Processing
- Robot Sensing and Control Mechanisms
- Computer Vision

FINAL YEAR PROJECT – CT IMAGE SEGMENTATION

- Proposed an automated 3D CT volume segmentation software to facilitate medical diagnosis through MATLAB
- Implemented the level set algorithm with both edge- and region-based segmentation
- Developed a user interface to visualize the segmentation and abnormality detection results

WORKING EXPERIENCE

11/2022-Present	STEM Teacher, Contract Part-time, Genius Camp <ul style="list-style-type: none">● Taught kids to control and build blocks with Sphero robot
5/2021-6/2022	Product Engineer, New Display, Solomon Systech Limited <ul style="list-style-type: none">● Performed evaluation on electronic price tag driver integrated circuit● Developed systems using Excel VBA for evaluation and data analysis● Maintained embedded firmware in C programming on MCUs
6/2019-6/2020	Software Intern, Computer Vision, ASM Pacific Technology <ul style="list-style-type: none">● Worked on AI labelling and 3D object reconstruction by fringe projection● Maintained Computer Vision software in C++● Built an user interface and database by C# and Python in the final project
6/2018-8/2018	Summer Intern, International Department, JEBN Limited <ul style="list-style-type: none">● Researched on automated storage system and automated guided vehicles● Developed strategic thinking skills to reduce wastage in the final project

LANGUAGE AND SKILLS

Language: Fluent in English (oral and written)

Computer Skills: C++, C#, C, Python, Java, JavaScript, HTML, CSS, SQL, ASP.NET, Excel VBA

Software Packages: Visual Studio, Eclipse, MATLAB