Hong Wing PANG

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Education

Sep 2020 - Dec 2022	**MPhil in Computer Science** Hong Kong University of Science and Technology (HKUST) Research interests: Image synthesis, generative networks, computer vision Supervised by Prof. Sai-kit Yeung
Sep 2015 - Jun 2020	**BEng in Computer Science** Hong Kong University of Science and Technology Graduation GPA: 3.740 / 4.300, first class honors

Publication

Oct 2022	**Neural Scene Decoration from a Single Photograph** *Hong-Wing Pang, Yingshu Chen, Phuoc-Hieu Le, Binh-Son Hua, Duc Thanh Nguyen, and Sai-Kit Yeung., in European Conference on Computer Vision (ECCV) 2022*

Experience

Jan 2023 - current	**Research Assistant** Division of Integrative Systems and Design, HKUST ● Assist development of various research projects - neural rendering and camera-based SLAM on underwater ROV vehicles
Sep 2021 - Dec 2021	**Teaching Assistant** COMP2012H - Honors Object-oriented Programming and Data Structures ● Responsible for delivering tutorials, grading exams / assignments, and answering questions from students for an advanced C++ course
Aug 2019 - Aug 2018	**Computer Vision Engineer Intern** Creaxon Technologies Ltd., Hong Kong ● Contributed to development of new solutions for vision analytics problems, e.g. construction site monitoring, vehicle reidentification, human action recognition
Dec 2016 - Mar 2018	**Software Engineer** HKUST Robotics Team ● Worked on developing position control and localization algorithms for robots and embedded systems ● Responsible for training of new team members on embedded systems programming ● Representing HKUST at the ABU Robocon 2017 contest in Tokyo, Japan

Skills

Languages	English - fluent (TOEFL 113/120), Cantonese - native
Coding	Python, C/C++, MATLAB, Bash
Tools	PyTorch, TensorFlow, OpenCV, CUDA, OpenGL, Git, NumPy, pandas, Docker