

Ho Man Colman Leung

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Objective	To make computers more accessible to users by understanding human behaviors from the computer's perspective and providing a tailor-made experience to users.	
Research Interests	Tangible Interaction, Wearable Technology, Ubiquitous Computing	
Publications	TwistIn: Tangible Authentication of Smart Devices via Motion Co-analysis with a Smartwatch <i>Ho-Man Colman LEUNG</i> , Chi-Wing FU, and Pheng-Ann HENG Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies 2.2 (2018): 72. Presented in UbiComp 2018.	
	Stereoscopic Three-Dimensional Visualization for Immersive and Intuitive Anatomy Learning Kup-Sze Choi, Shu-Ting Chan, <i>Ho-Man Colman Leung</i> , and Yim-Pan Chui IEEE International Conference on Technology for Education (T4E 2016).	
Teaching	Final Year Project Tutor	Fall 2016- Spring 2017
	CSCI3260 - <i>Principle of Computer Graphics</i> , Teaching Assistant	Spring 2016
	• Awarded the Certificate of Merit	
	CSCI1130 - <i>Introduction to Computing using Java</i> , Teaching Assistant	Fall 2015
Work Experience	Research Assistant	2018-Present
	<i>Department of Computer Science and Engineering, The Chinese University of Hong Kong</i>	
	• Implemented accurate 6-DOF tracking system for medical simulation.	
	Software Engineer	2012-2015
	<i>Dracaena Life Technologies Co., Ltd., Hong Kong</i>	
	• Developed Medical Simulators and Anatomy Visualization Tools for educational purposes using c++ and OpenGL.	
	• Created immersive 3D environment by implementing stereoscopic rendering and head tracking with Kinect.	
	• Enabled mid-air gesture interaction using Leap Motion.	
Education	MPhil. in Computer Science and Engineering	2018
	<i>The Chinese University of Hong Kong</i>	
	Supervisor: <i>Prof. Chi-Wing Fu</i> , Co-supervisor: <i>Prof. Pheng-Ann Heng</i>	
	BSc. in Computer Science	2012
	<i>The Chinese University of Hong Kong</i>	
Programming Languages	C, C++, C#, Objective-C, Java, Python, Matlab, JavaScript, PHP, SQL, Perl, LaTeX	
Spoken Languages	Cantonese, English, Mandarin	
Interests	Dragon Boat, Piano, Photography, Design	