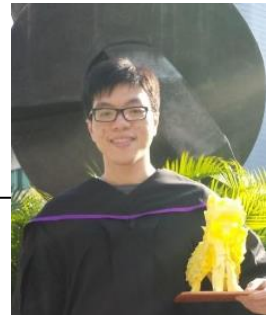


Resume

Lam Kit Yung

Contact: 852-6481-**** (Hong Kong)

Email: kylambda AT connect.ust.hk



WORKING EXPERIENCE

Jan 2016 – Feb 2017 Software Engineer, **VialityPlus Limited**

- Provide Leap Motion based hand gesture solution integrated with for MVisioner Limited
- Project Tango Application development
- Augmented Reality application development

Jan 2015 – Dec 2015 Software Engineer, **Virtron Limited**

- Head mounted display application development
- VR interior design application: Unity, Unreal Engine
- Hand detection application development: Leap Motion, OpenCV, C#
- Multi-projector video blending software: GPU based Hap QuickTime Codec 4K Video
- UWB+IMU VR Indoor Positioning

Sep 2013 – Dec 2014 Research Assistant, School of Creative Media, **CityU**

- System architecture for cloud-based application
- Research for target tracking and following, collaborative multi-robot navigation planning
- CNC Stepper Motor control, Fog projection, 3D projection mapping, Camera calibration , Kinect interactivity
- Research on Wearable technology: Robotic Skin, wearable sensor, embedded system for wearable application

Jun 2012 – Aug 2012 Software Engineer (Intern), EOC at Shanghai, **EMC Corporation**

- Investigated graph database (Neo4j / Titan), and provided storage solutions for big data analysis
- research for a collaborative knowledge base : Freebase
- Designed and implemented GUI of a web application for data submission (used GWT and RESTful)

EDUCATION

Feb 2017 – Present **Hong Kong University of Science and Technology** , Hong Kong

PhD Computer Science and Engineering

Aug 2010 – Aug 2013 **City University of Hong Kong** , Hong Kong

B.Sc Creative Media

ACCOMPLISHMENT

AWARD:

- 2017* Jockey Club Incubation Programme for Social Innovation incubatees
- 2016* Cyberport Creative Micro Fund (CCMF)
- 2015* ASTRI Innovation Runway fellow
- 2014* Team Leader of Goblin, Winner Most Creative Award from Shanghai-Hong Kong Hackathon 2014, Android iOS EMG based Muscle training App

2013 Hong Kong ICT Awards 2013: Best Lifestyle (Student Category of Social, Communications & Media) Award: Bronze Award: Movie Partner

PUBLICATION

- | | |
|---|---|
| Kit Yung LAM, Lik Hang LEE, Tristan BRAUD, and Pan HUI | M2A: A Framework for Visualizing Information from Mobile Web to Mobile Augmented Reality, PerCom 2019 |
| Lik Hang LEE, Kit Yung LAM, Yui Pan Yau, Tristan BRAUD, and Pan HUI | HIBEY: Hide the Keyboard in Augmented Reality, PerCom 2019 |
| Miu-Ling Lam and Kit-Yung Lam | " Path Planning as a Service PPaaS: Cloud-based Robotic Path Planning," in IEEE Robotics and Biomimetics (ROBIO). IEEE, 2014 |
| ML Lam, B Chen, KY Lam, Y Huang | "3D Fog Display using Parallel Linear Motion Platforms" in The 20th International Conference on Virtual Systems and Multimedia, VSMM 2014 |

TEACHING EXPERIENCE

- | | |
|---------------------------|---|
| Fall, 2017 - Spring, 2019 | Position: Hall Tutor, HKUST Jockey Club Hall |
| Spring, 2019 | Position: Lab Tutor, COMP 1021 - Introduction to Computer Science(Python), HKUST |
| Fall, 2018 | Position: Lab Tutor, COMP 1022Q - Introduction to Computing with Excel VBA, HKUST |
| Spring, 2018 | Position: Lab Tutor, COMP 4021 - Internet Computing |
| Fall, 2017 | Position: Lab Tutor, COMP 1021 - Introduction to Computer Science(Python), HKUST |

COMPETENCIES &HOBBIES

Information Technology

- Possess good knowledge in Data Structure, Database, and Web programming
- Arduino Development, Android App development, ROS programming
- Experience in Unix, Linux environment
- Knowledge of programming languages: Java/Java EJB/C/C++
- Knowledge of CMS and DATAEXPORT, Joomla, Drupal, wordpress development
- Solid knowledge of HTML, CSS, Adobe Flash, PHP, Javascript

