LEI ZHOU

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EDUCATION

Hong Kong University of Science and Technology *September 2015 - Present*
Ph.D. - The Department of Computer Science & Engineering

Research Interests: Large-Scale 3D Reconstruction, Structure from Motion, SLAM
Advisor: Professor Long Quan

Zhejiang University, Mainland China *September 2011 - July 2015*
B.S. - College of Information Science & Electronic Engineering

Overall GPA: 3.88 / 4.0

RESEARCH EXPERIENCE

Computer Vision & Graphics Lab, HKUST September 2015 - Present
PhD Researcher *Hong Kong*

· Advisor: Professor Long Quan
· Area: Structure from Motion, Large-scale 3D Reconstruction

Mobile Computing Group,
Intel Asia-Pacific Research & Development Ltd. July 2014 - May 2015
Research Intern *Shanghai*

· Advisor: Haicheng Li
· Area: Android System Development

– Designed a profiling tool of mobile devices' power consumption based on process scheduling.

Institute of Intelligent Electronic Information Systems,
ISEE, Zhejiang University May 2014 - March 2015
Group Leader *Hangzhou*

· Advisor: Professor Xinyu Jin
· Topic: Real-time ECG Acquisition and Analysis System

– Designed a real-time ECG acquisition and analysis system composing ECG acquisition sensors, wireless transmission and ECG analysis modeling.

Institute of Information, Communication and Network Engineering ,
ISEE, Zhejiang University April 2013 - April 2014
Group Leader *Hangzhou*

· Advisor: Professor Yunhai Liu
· Topic: System Design of Sound Localization

– Applied different types of microphone arrays to locate the sound source through real-time signal processing on server.

Jiayun Data Technology Co., Ltd., Startup May 2015 - July 2015
Research Intern *Hangzhou*

· Topic: Web Crawler Framework

– Implemented web spider to collect sales information of hot products from eBay and category sales information from Terapeak based on Netty application framework. Then analyzed sales data stored in MongoDB to offer purchase instructions and service for Chinese sellers on eBay.

– Reference: `https://github.com/zlthinker/Ebay-Web-Spider`

PUBLICATIONS

· To Be Continued.

SELECTED AWARDS & SCHOLARSHIPS

· Postgraduate Scholarship, HKUST, 2015-2019.
· Second-Class Scholarship for Outstanding Merits Awarded, Zhejiang University, 2013-2014
· Second-Class Scholarship for Outstanding Students Awarded, Zhejiang University, 2013-2014
· Second Prize of the National Talents Training Base Awarded, Zhejiang University, 2013-2014
· Scholarship for Xinpin Stipend Awarded, Zhejiang University, 2013-2014

TECHNICAL STRENGTHS

Computer Languages	C/ C++, Java, Python, Javascript, SQL
Libraries & APIs	OpenCV, OpenGL, Three.js, OpenMVG, Netty, Android
Software & Platform	Matlab/ Octave, Android Studio, J2EE, LaTeX
Databases	MySQL, MongoDB
Tools	Git, Vim, Emacs