

CAREER HISTORY

Research Assistant, Part-time, The Hong Kong Polytechnic University 2013.6.1 - 2014.2.28

I had been developing a virtual and physical interactive human body model system for the Institute of Textiles & Clothing. A real-time 3D data collecting device was interfaced with python in order to customize virtual 3D human body model, which was rendering by Python and OpenGL.

Editor Assistant, Part-time, International Journal of Image and Graphics (IJIG) 2010.9.1 - 2012.4.1

I work as an editor assistant for the chief editor. I oversaw the manuscript reviewing process including submitting and reviewing; made acceptance decisions based on associate editors' suggestions; and coordinated with the publishing house. I also organized special issues; communicated with AE and reviewers to make the reviewing process efficient and not jammed. In this nineteen months, five issues (from 2011 Jan to 2012 Jan) were published under my supervision, and a simple but efficient local journal management and reporting system was developed using Microsoft Access.

Research Assistant, The Hong Kong Polytechnic University 2008.4.1 - 2010.4.1

I had made some biometric systems based on 51soc/Cypress USB/ARM/DSP/FPGA. In four systems, I had been working as a core member.

Teaching Assistant, The Hong Kong Polytechnic University Fall 2010 - Fall 2012

COMP407 Computer Graphics (2010 Fall)
COMP102 Enterprise Information Technology (2011 Spring)
COMP210 Discrete Structures (Taught by Visiting Professor Zheng Rong, 2011 Fall)
COMP435p Biometrics Authentication (2012 Spring), ENG2003 Information Technology (2012 Fall)

EDUCATION

Ph.D. Candidate — Supervisor: Prof. David Zhang May 2010
The Hong Kong Polytechnic University, Hong Kong, China

M.S.E. Detection Technology & Automatic Equipment March 2008
The Shenyang University of Technology, Shenyang, Liaoning, China
“**Outstanding Thesis**”: “Vision Based On-line Pipe Inner and Outer Wall Surface Inspection System”
“**Outstanding Graduate**”

B.S.E. Electrical Information Engineering July 2005
The Shenyang University of Technology, Shenyang, Liaoning, China
Thesis: “Vision Based On-line Pipe Internal and External Wall Surface Inspection System”
“**Outstanding Graduate**”
“**Outstanding Final Year Project**”

AWARDS AND HONORS

Third Class Award of The 10th National Challenge Cup Contest, The Shenyang University of Technology (Golden Award of The 8th Liaoning Province Challenge Cup Contest) 2007

China Patent #200620168791.X, “Cylinder inside and outside wall machine precision on-line image-forming testing apparatus” Granted on March 12, 2008

China Patent #200610155870.1, “On-line imaging detection device and method for cylindrical internal and external wall machining accuracy” Granted on June 10, 2009

China Patent #20110362063.8, “Human palm print image acquiring device and processing method” Publication on June 27, 2012