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http://shinglyu.github.io/

Education M.S. Electrical Engineering National Taiwan University

> Computer Science Group Jun 2014

B.S. Electrical Engineering & Quantitative Finance Program

National Taiwan University Jul 2012

GPA: 3.92/4.3

Experience Mozilla Co., Taipei

- QA Engineer Oct 2014 - present

The Figured Bass Team, Taiwan

- Web Developer/Designer Feb 2013 - Dec 2013

Intel Microelectronics Asia Ltd., Taiwan

- Validation Engineer (Intern) Mar 2012 - Jun 2014

Android Platform Enabling

• Retail Client Manager (RCM) development/validation

· Yocto Embedded Linux development

• Manageability Reference Console (MRC) validation

Research Center for IT Innovation, Academia Scinica, Taiwan

Mar 2011 - Feb 2012 - Research Assistant

• Computer vision research published in IEEE ICIP (see *Publication* section)

MediaTek Inc.. Taiwan

- Multimedia Engineer (Intern)

Jul 2011 - Sep 2011

2012

• Built MIDI wavetables for feature phones; Functional testing.

Publications Master Thesis: A Semi-automatic Computer Expressive

> Music Performance System Using Structural Support Vector Machine Jun 2014

Computer Expressive Music Performance by Phrase-wise Modeling

International Workshop on Computer Music and Audio Technology

Automatic Saliency Inspired Foreground Object Extraction from Videos 2012

IEEE International Conference of Image Processing

Projects MDSlides -- a slideshow system using the Markdown language Jan 2013 -present

> Offline Music-to-Score Alignment for Orchestral Music Aug 2010 - Feb 2011

Web Ruby on Rails, PHP, JavaScript/jQuery, CSS. Skill Set

Python, C++, R, C#, Java, Matlab. Programming

Other Linux, Windows server; Git; Test Auomation. License Senior Securities Specialist (Mar 2012)

Mandarin Chinese, English (TOEIC 990/990, 2014) Language

Teamwork President of **Philharmonic Club**, National Taiwan University Sep 2009 - Aug 2010

> President of Science Club, Jian-Guo High School Sep 2006 - Aug 2007