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Visit https://sites.google.com/site/hermeslyu/ for demo and more.



Education M.S. Electrical Engineering National Taiwan University Computer Music Lab, Computer Science Group expected graduation: Aug 2014 Jul 2012 **B.S. Electrical Engineering** National Taiwan University GPA: 3.92/4.3 **Quantitative Finance Program** National Taiwan University Jul 2012 **Experience** The Figured Bass Team, Taiwan Web Developer/Designer Feb 2013 - present · Developing and designing a music education web app. Intel Microelectronics Asia Ltd., Taiwan Validation Engineer (Intern) Mar 2012 - present

- Active Manageability Technology (AMT) development/validation
- Audience Impression Metrics Suite (AIMS) validation
- Yocto Embedded Linux development
- Visual Trust Level Solution (VTLS) development

Research Center for IT Innovation, Academia Scinica, Taiwan Research Assistant Mar 2011 - Feb 2012 • Published a paper in IEEE ICIP (see *Publication* section)

MediaTek Inc., Taiwan Multimedia Engineer (Intern)

Jul 2011 - Sep 2011

• Built MIDI wavetables for feature phone platforms; Functional testing.

Publication	Computer Expressive Music Performance by Phrase-wise Modeling International Workshop on Computer Music and Audio Technology		
	Automatic Saliency Inspired Foreground Object Extraction from IEEE International Conference of Image Processing	n Videos	2012
Project & Coursework	Dynamic Hedging for Taiwan Stock Index and Put Warrants	Sep 2012 - Jai	n 2013
	Offline Music-to-Score Alignment for Orchestral Music	Aug 2010 - Fel	b 2011
	Musical Source Separation Using Average Harmonic Models	Feb 2009 - Ju	1 2009

Skill Set	Computer	Python, Matlab, C++, R, Java; PHP, JavaScript/jQuery, CSS.
		Git, Linux, Network administration.

Studying Functional Programming (Haskell), Design Patterns, Web Design License

Senior Securities Specialist (Mar 2012)

General English Proficiency Test, High-Intermediate Level (Aug 2007)

Mandarin Chinese, English 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