呂 行 Shing Lyu

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No.1, Ln. 236, Minsheng Rd.,
Taoyuan District, Taoyuan City 33041,
Taiwan (R.O.C.)

Experience	**Software Engineer**	Apr 2016 - present

Mozilla Co., Taipei
- Servo Parallel Browser Engine development
- Servo/Rust community building

QA Engineer Aug 2014 - Apr 2016

Mozilla Co., Taipei
- MozIlluminate, a test case managemnet system built from scratch
- MozITP, reduce B2G test environment setup time from 1 day to 30 min
- B2G OS test automation framework development

Validation Engineer (Intern) Mar 2012 - Jun 2014

Intel Microelectronics Asia Ltd., Taiwan
- Android Platform Enabling
- Yocto Embedded Linux development
- Retail Client Manager (RCM) development/validation

Research Assistant Mar 2011 - Feb 2012

Research Center for IT Innovation, Academia Scinica, Taiwan
- Computer vision research published in IEEE ICIP

Multimedia Engineer (Intern) Jul 2011 - Sep 2011

MediaTek Inc., Taiwan
- Built a 9KB only MIDI wavetable

Education	**M.S. Electrical Engineering**	National Taiwan University	Jun 2014
	B.S. Electrical Engineering	National Taiwan University	Jul 2012
	Quantitative Finance Program	National Taiwan University	Jul 2012

Publications

A Semi-automatic Computer Expressive Music Performance System Using Structural Support Vector Machine (Master Thesis) Jun 2014

Computer Expressive Music Performance by Phrase-wise Modeling 2012
International Workshop on Computer Music and Audio Technology

Automatic Saliency Inspired Foreground Object Extraction from Videos 2012
IEEE International Conference of Image Processing

Skill Set

Programming	Python, Rust, JavaScript, C++, R, C#, Java, Matlab.
Web	React.js, HTML/CSS, Django, Flask
DevOps	Linux, Vagrant, Docker, Test Automation, Jenkins, git, Windows server/IIS
Others	Open Web App, Firefox Add-on
Finance	WorldQuant WebSim Investment Contest 2nd Prize (2014), Senior Securities Specialist License (Mar 2012)
Language	Mandarin Chinese (native), English (TOEIC 990/990, 2014)

Leadership

President of Philharmonic Club, National Taiwan University Sep 2009 - Aug 2010
President of Science Club, Jian-Guo High School Sep 2006 - Aug 2007