

# 呂 行 Shing Lyu

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Taiwan (R.O.C.)

<b>Experience</b>	<b>Software Engineer</b> Mozilla Research <ul style="list-style-type: none"><li>• Servo Parallel Browser Engine development</li><li>• Servo/Rust Evangelist</li></ul>	Apr 2016 - present
	<b>QA Engineer</b> Mozilla Co., Taipei <ul style="list-style-type: none"><li>• Mozillluminate, a test case managemnet system built from scratch</li><li>• MozITP, reduce B2G test environment setup time from 1 day to 30 min</li><li>• B2G OS test automation framework development</li></ul>	Aug 2014 - Apr 2016
	<b>Validation Engineer (Intern)</b> Intel Microelectronics Asia Ltd., Taiwan <ul style="list-style-type: none"><li>• Android Platform Enabling</li><li>• Yocto Embedded Linux development</li><li>• Retail Client Manager (RCM) development/validation</li></ul>	Mar 2012 - Jun 2014
	<b>Research Assistant</b> Research Center for IT Innovation, Academia Scinica, Taiwan <ul style="list-style-type: none"><li>• Computer vision research published in IEEE ICIP</li></ul>	Mar 2011 - Feb 2012
	<b>Multimedia Engineer (Intern)</b> MediaTek Inc., Taiwan <ul style="list-style-type: none"><li>• Built a 9KB only MIDI wavetable</li></ul>	Jul 2011 - Sep 2011
<b>Education</b>	<b>M.S. Electrical Engineering</b>	National Taiwan University Jun 2014
	<b>B.S. Electrical Engineering</b>	National Taiwan University Jul 2012
	<b>Quantitative Finance Program</b>	National Taiwan University Jul 2012
<b>Publications</b>	<b>A Semi-automatic Computer Expressive Music Performance System Using Structural Support Vector Machine (Master Thesis)</b>	Jun 2014
	<b>Computer Expressive Music Performance by Phrase-wise Modeling</b> International Workshop on Computer Music and Audio Technology	2012
	<b>Automatic Saliency Inspired Foreground Object Extraction from Videos</b> IEEE International Conference of Image Processing	2012
<b>Skill Set</b>	Programming Rust, Python, HTML, CSS, JavaScript, C++, R DevOps Test Automation, Linux, Container, CI, Jenkin, git Language Mandarin Chinese (native), English (fluent)	
<b>Qualifications</b>	WorldQuant WebSim Investment Contest Silver Prize	2014
	Senior Securities Specialist License	Mar 2012
	TOEIC 990/990	2014
<b>Leadership</b>	<b>President</b> of Philharmonic Club, National Taiwan University	Sep 2009 - Aug 2010
	<b>President</b> of Science Club, Jian-Guo High School	Sep 2006 - Aug 2007