

# 呂 行 Shing Lyu

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Taoyuan District, Taoyuan City 33041,  
Taiwan (R.O.C.)

<b>Experience</b>	<b>Mozilla Co., Taipei</b>		
	- QA Engineer (RDSS)		Aug 2014 - present
	<ul style="list-style-type: none"><li>• MozTrap Frontend Rewrite, greatly improve team productivity</li><li>• MozIlluminate, improved test case readability and maintainability</li><li>• MozITP, reduce test environment setup time from 1 day to 30 min</li><li>• Test automation framework development</li></ul>		
	<b>Intel Microelectronics Asia Ltd., Taiwan</b>		
	- Validation Engineer (Intern)		Mar 2012 - Jun 2014
	<ul style="list-style-type: none"><li>• Android Platform Enabling</li><li>• Retail Client Manager (RCM) development/validation</li><li>• Yocto Embedded Linux development</li><li>• Manageability Reference Console (MRC) validation</li></ul>		
	<b>Research Center for IT Innovation, Academia Sinica, Taiwan</b>		
	- Research Assistant		Mar 2011 - Feb 2012
	<ul style="list-style-type: none"><li>• Computer vision research published in IEEE ICIP</li></ul>		
	<b>MediaTek Inc., Taiwan</b>		
	- Multimedia Engineer (Intern)		Jul 2011 - Sep 2011
	<ul style="list-style-type: none"><li>• Built a 9KB only MIDI wavetable</li></ul>		
<b>Community Contribution</b>	<b>The Servo Parallel Browser Engine</b>		Nov 2014 - present
	An experimental browser engine written in Rust		
	<b>MozTech Technical Blog</b>		Jan 2015 - present
	Mozilla Hacks and MozTech blog author		
<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</b> (Master Thesis)		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	Python, Rust, Node.js, C++, R, C#, Java, Matlab.	
	Web	Django, React.js, Ruby on Rails, PHP, JavaScript/jQuery, CSS, HTML	
	DevOps	Linux, Jenkins CI, Selenium, 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)	
<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