

Shing Lyu

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No.1, Ln. 236, Minsheng Rd.,
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Taiwan (R.O.C.)

Work Experience	Software Developer , Booking.com	Oct 2017 - present
	Senior Software Engineer , Mozilla	Feb 2017 - Sep 2017
	<ul style="list-style-type: none">• Building the CSS Flexbox implementation and improved the specification• Enabled systematic performance tuning and testing for the next-generation Quantum and Servo browser engine by designing and implementing 3 automation frameworks• Mentored 50+ Servo and Rust programming language contributors	
	Software Engineer (Browser Engine) , Mozilla	Apr 2016 - Feb 2017
	Contributor (Programming) , Servo Parallel Browser Engine Project	Nov 2014 - present
	<ul style="list-style-type: none">• First ever Taiwanese to be promoted to core team reviewer	
	Software Engineer (Test Automation) , Mozilla	Aug 2014 - Apr 2016
	<ul style="list-style-type: none">• Speed up test environment setup by 25x faster with virtualization technology• Redesigned our new test case management system and reduced engineer's work time by 50%	
	Validation Engineer (Intern) , Intel	May 2012 - Jun 2014
	<ul style="list-style-type: none">• Greatly improved the test reliability by automating the Intel MRC test process• Built the first Android-based POS prototype on Intel technology	
	Multimedia Engineer (Intern) , MediaTek Inc., Taiwan	Jul 2011 - Sep 2011
Education	M.S. Electrical Engineering , National Taiwan University	Jun 2014
	B.S. Electrical Engineering , National Taiwan University	Jun 2012
	Quantitative Finance Program , National Taiwan University	Jun 2012
Talks	Rust Beginner Workshop	Jan 2017
	COSCUP The Servo Browser Engine	2016
	Modern Web The Servo Browser Engine	2016
Publications	A Semi-automatic Computer Expressive Music Performance System Using Structural Support Vector Machine (Master Thesis)	Jun 2014
	Automatic Saliency Inspired Foreground Object Extraction from Videos IEEE International Conference of Image Processing (ICIP)	2012
Skill Set	Expertise CSS/Layout, Test automation, Quantitative Finance, Machine learning Programming Rust, Python, HTML/CSS DevOps Test Automation, Selenium, Linux, Docker/Vagrant, CI/CD, Jenkins, git Language Mandarin Chinese (native), English (fluent, TOEIC 990)	
Certificates	• Google AdWords Certificate	valid thru Jan 2017
	• Google Analytics Certificate	valid thru Feb 2018
	• Senior Securities Specialist License	Mar 2012
	• TOEIC 990/990	2014