

Jun-Wei Lin

junwei.lin@uci.edu • <http://castman.net> • <https://github.com/jwlin>

Education

- University of California, Irvine. PhD in **Software Engineering** 2016 – present
- National Tsing Hua University, Hsinchu, Taiwan. M.Sc., **Computer Science** 2008
- National Tsing Hua University, Hsinchu, Taiwan. B.Sc., **Computer Science** 2006

Technical Skills

Programming Languages (<https://github.com/jwlin>)

- Python, HTML, CSS, JavaScript: 3+ year experience
- Java and C/C++: 1+ year experience
- Other programming languages with basic familiarity: SQL, Bash, C#

Hands-on Experience

- Continuous integration with Jenkins, Robot Framework, Selenium, PhantomJS and JMeter
- Full-stack web application development with Django, jQuery and Bootstrap
- Natural language processing with gensim, NLTK and jieba

Work Experience

Software Engineering Intern, QNAP Inc., Taipei, Taiwan

Summer 2016

- Introduced automatic acceptance/regression testing flow for Q'Center, a centralized platform for managing multiple QNAP NAS.
- Shortened the regression cycle from days to hours.
- Automated manual testing with Python and Robot Framework to improve scalability.

Research Intern, National Agricultural Library, Beltsville, MD

May 2014 – May 2015

- Initiated and implemented continuous integration for software projects under development.
- Designed and developed the queueing system and single sign-on of Django-Blast, a public web tool for gene identification.
- Conducted automated functional, regression and stress testing on web services.

System Manager, Ministry of Justice, Taipei, Taiwan

June 2012 – Sep. 2013

- Managed IT acquisition projects and worked with customers and contractors.
- Developed an online bug tracking system with C# (ASP.NET).

Other Projects

B2g-monkey (Python)

2015

- Developed a fully automatic interface crawler and invariant checker for Firefox OS App testing
<https://github.com/jwlin/b2g-monkey>

PTT Web Crawler (Python)

2015

- Created a crawler and data parser for the PTT website, the largest local online community in Taiwan
<http://app.castman.net/ptt-web-crawler>

Bulletin Board for Government Jobs (Django)

2014

- Parsed and visualized open data from Taiwan's government
<http://opencpa.castman.net>

Language

- Mandarin (fluent), Taiwanese (fluent)