

# Jason Lin

52 Skytop St., Apt 337,  
San Jose, CA 95134  
(765) 714 - 5190  
jasonlin0815@gmail.com

## EXPERIENCE

### jNet ThingsX

San Jose — *Software Engineer*

Aug 2015 - Present

#### JavaCard OS Sept 2016 - present

- Implemented OS features and APIs to enable JavaCard OS capable of hosting ePassport applets.
- Improved JavaCard OS functionality and security counter-measurements.

#### ePassport Solution Aug 2015 - Sept 2016

- Lead developer in team of 4 that developed ePassport solution on Native OS with high security and performance that passes CC EAL5+ certification.
- Implemented protocol authentication (BAC, PACE, CA), application key management, and application security counter-measurements.
- Implemented testing framework in Visual Studio 2013, and wrote 500+ automated tests in C# for unit testings and integration testings.
- Led code review sessions with Brightsight for certification.

### Fairchild Semiconductor International Inc

Taipei, Taiwan — Summer Internship

May 2013 - Aug 2013

- Automated a stress-testing system in C language that iteratively restart prototype motor to analyze controller failure and display a report on screen.

## EDUCATION

### Purdue University, West Lafayette IN

Bachelor of Science in Computer Engineering

Aug 2011 - May 2015

## SKILLS

### Most comfortable with:

C/C++, Java, C#

**Experienced with:** Python, Javascript, HTML5, CSS3

**Tools and knowledge:** Secure Programming, Cryptography, Git/Git Flow, Agile

## LANGUAGES

Fluent in English and Mandarin