

# Po-Hsiang Hao (Jonathan)

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## EXPERIENCE

### Mozilla (Taipei, Taiwan)

*Senior Software Engineer*, February 2017 - Present

*Software Engineer*, September 2014 - January 2017

- ▶ Implemented cache isolation for various network protocols in Firefox, which is vital for the [Containers](#) feature and the First Party Isolation feature in the [Tor Uplifting Project](#)
- ▶ Created a tool to sign Firefox OS packages and also implemented the verification logic
- ▶ Maintained the RTSP module in Firefox OS

### Google (Taipei, Taiwan)

*Software Engineer Intern*, Summer 2013

- ▶ Enhanced [JsCIN](#), a Chrome extension for Chinese input methods, by enabling users to backup and import CIN tables from Google Drive

### Cardinal Blue Software (Taipei, Taiwan)

*Developer Intern*, Summer 2012

- ▶ Maintained PicCollage's website (Ruby on Rails) and the internal pages for statistics

## EDUCATION

### National Taiwan University (Taipei, Taiwan)

*M.S. in Electrical Engineering*, Fall 2012 - Spring 2014

- ▶ Designed an embedded language in **Haskell**, which can be used to program and generate instructions for a chip made by other people in my lab for cryptographic computations

*B.S. Double Major in Electrical Engineering and Mathematics* (GPA 3.9/4.3), Fall 2008 - Spring 2012

## PROJECTS

**A Chinese Dark Chess AI** using alpha-beta pruning and a heuristic evaluating function

Placed 1st in class with 9 wins, 1 loss and 2 draws

**Foodle Taiwan**: wrote a crawler to get and parse restaurants data from the biggest BBS site in Taiwan, and use Google Maps API to search restaurants based on criteria such as price and distance

## SKILLS

**Programming Languages**: C++/JavaScript/Python/Ruby/SQL/Haskell

**English**: Professional proficiency (TOEIC 990/990)

## EXTRACURRICULAR ACTIVITIES

**Programming Contests**: **Google Code Jam** Round 3 twice, and **Distributed Code Jam** Round 2 once

**Math**: Won the Silver Award in **International Mathematical Olympiad (IMO)** 2008

**Bridge**: Won the Youth Teams event of Asia Bridge Open Congress in 2010