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 Uplifing 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 the backend server (Ruby on Rails) and the internal pages for statistics

EDUCATION

National Taiwan University (Taipei, Taiwan)

M.S. in Electrical Engineering, Fall 2012 - Sprint 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 heuristic evaluating function. Won the competition in the final exam of that course

Foodle Taiwan is a website to search restaurants based on price and distance criteria. My contribution was writing a Ruby crawler to get and restaurants data from the biggest BBS site in Taiwan

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