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
  - The First Party Isolation of 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 customized Chinese input method
  - Enabled 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

- Thesis: A Domain-Speci c Language (embedded in Haskell) for E cient Cryptographic Engineering

B.S. double major in Electrical Engineering and Mathematics, Fall 2008 - Spring 2012

- GPA: 3.9/4.3

SKILLS

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

Data Structures and Algorithms

MISCELLANEOUS

Professional proficiency in English (TOEIC 990/990)

Advanced to **Google Code Jam Round 3 (Top 500)** in 2014 and 2016 and **Distributed Code Jam Round 2 (Top 500)** in 2016

Silver Award, 49th International Mathematical Olympiad, 2008