Felix Fung

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WORK EXPERIENCE

Palantir - Software Engineering Intern
New York, New York
Metropolis
September — December 2013
https://www.palantir.com/platforms/#metropolis

- Metropolis is a deployed Java application for analyzing quantitative data owned by clients.
- Developed the 'Calculator' app, a web front-end for autocompletion and evaluation of Metropolis queries on top of the existing Java infrastructure.
- Experimented with nascent technologies and laid the groundwork for developing with an AngularJS / TypeScript environment at Palantir.

Microsoft - Software Development Engineering Intern
Redmond, Washington
Windows, Devices and Networking
January — April 2013

- Worked with NFC and Bluetooth technologies to prototype a transient device pairing protocol.

Twitter - Web Front-End Intern
San Francisco, California
Profiles
May — August 2012

- Helped transition Twitter from a single-page Javascript app into traditional Rails architecture.
- Designed and launched sign-up growth experiment allowing unregistered users to compose tweets to promote sign-up completion.

Mozilla - Firefox Performance Intern
Mountain View, California
Firefox
September — December 2011

- Removed services from Firefox's main-thread. Notably worked on form history/suggestion APIs to use asynchronous database access.

Facebook - Software Engineering Intern
Palo Alto, California
Photos
January — April 2011

- Rebuilt the mobile web viewing experience (m.facebook.com) for photos. In addition to a redesign, reduced mobile photo page load-time by ∼25%.
- Added APIs for cropping, sizing and centering photos for newsfeed thumbnails.

Internal Tools
May — August 2010

- Restructured Facebook's URL router to expose source code mapping to command-line tools and allow developers to navigate to source files from a request.

EDUCATION

University of Waterloo
Waterloo, Canada
Candidate for Bachelor of Computer Science
Expected April 2014

HONOURS & AWARDS

Patent Application (Application No. 20120281911)
Filed October 2011
F. Fung, "Reducing Photo-Tagging Spam". Facebook, Inc.

ACM-International Collegiate Programming Contest
October 2011
East Central North America Regional, Team 5th

Nortel Networks Undergraduate Scholarship
May 2009

University of Waterloo President's Scholarship
May 2009

Canadian Computing Competition, Senior Division
February 2008, 2009
Twice Honourable Mention

Canadian Computing Competition, Junior Division
February 2007
National Champion