

# Sebastian Ng

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## EXPERIENCE

### Web Developer

United Online, SchoolFeed

November 2012 - Present

Maintained and improved the schoolFeed and Classmates Photos web application. Worked on features such as settings, people search, email imports, notification deletion, and message deletion. Checked tracking statistics for bugs in features. Created a prototype iOS and Android native app.

Used PHP, Java, Objective C, Javascript, JQuery, AJAX, MySQL, CSS, HTML, Sphinx, Facebook Graph API, gearman, iOS SDK, and Android SDK in the applications.

### Software Development Engineering in Test

Microsoft, Windows 8 Fundamentals, Performance

August 2011 - November 2012

Maintained and improved hundreds of BVT scripts that tests Web UI behavior, data parsing and mining, data anonymization, and data retention policy and the infrastructure that runs the BVT scripts and unit tests. Performed manual testing on features that cannot be automated. Maintained a web application that presented information about the performance of scenarios of Windows 8 on different hardware.

Used ASP.NET 2.0 and 3.5, ASP MVC 3, Javascript, JQuery, AJAX, SQL Server 2008 R2, C#, CSS, HTML, XML, VB, Powershell, and DOS Batch scripting in the applications.

### Graduate Research, Professor Felix Wu, Security Lab

University of California: Davis

March 2010 - August 2011

Built a real time forum application on Facebook. The application is built on DSL\_FAITH, which interacts with the Facebook API.

Used PHP, Javascript, JQuery, AJAX, MySQL, HTML, and Facebook RESTful API in application.

### Automation Engineering Intern

Stratify, an Iron Mountain Company

June 2009 - September 2009

Created and maintained automation scripts that simulated possible user's response and possible types of input that program can take.

Used Perl, Java, BASH, Powershell, Selenium, and XML for scripts.

### Research Assistant Intern

iSec Partners, Inc.

June 2008 - September 2008

Worked on projects such as WebRATS, sandboxing in FreeBSD 7, and SSL performance testing.

Used C, python, shell scripting, and javascript for projects.

## EDUCATION

University of California: Davis

Graduated in March 2012

- Master of Science: Computer Science with a GPA 4.0
- Bachelor of Science: Computer Science and Mathematics  
Graduated with Honors in June 2009 with a GPA of 3.72

## LEADERSHIP EXPERIENCE

Teaching Assistant

Sep - Dec 2009, Jun - Aug 2010, Sep - Dec 2010

References upon request