Dylan Fong

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Education

University of Waterloo   Waterloo, ON
Candidate for Bachelor of Mathematics, Computer Science   *Expected August 2016*

Highlighted Skills

- Recent Experience with: Python, MySQL, Java, C, Bash Scripting, Javascript, HTML, CSS, C++, Scheme
- Software and Frameworks: Git, AWS, Django, Linux, Puppet, Google App Engine, LaTeX, Sequel Pro
- Software Development Methods: Agile Development, Test Driven Development, Kanban

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Experience

Minted   San Francisco, CA
Software Engineer   *Jan 2015 - May 2015*
- Optimized the homepage latency of minted.com by caching requests with memcached, reducing the response time of roughly 20,000 - 30,000 requests weekly
- Reduced the broken customer order rate and improved the maintainability of Minted's internal services by integrating their fulfillment partners onto Minted's product API, written in Python
- Created an adapter to interface Minted's new printer facility to their existing fulfillment systems
- Technologies used: Python, MySQL, AWS, Puppet, JQuery

Synacor   Toronto, ON
Software Engineer   *May 2014 - Aug 2014*
- Contributed to Synacor's Application Platform backend services by implementing Python REST API's using the Tornado Web Framework
- Improved the test coverage of Synacor's Python library by an average of 20% per module
- Built a driver in python that provided functionality for testing asynchronous calls to MongoDB via Synacor's Application Platform service

Outside Intelligence   Toronto, ON
Software Developer   *Sept 2013 - Dec 2013*
- Implemented business application logic for Outside Intelligence's Risk Platform, built with the Java Spring framework
- Created a Java application that allowed developers to query the Yahoo yBoss API to generate test snippets for their natural language processing solutions

BNOTIONS   Toronto, ON
Python and Javascript Developer   *Jan 2013 - May 2013*
- Developed web application solutions for clients within teams of five people using Django, backbone.js with Agile Development methodologies
- Integrated external web API's to fetch and display project and team health to BNOTIONS team manager app written in Django and Angular.js

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Projects and Hobbies

- Personal website: dylanfong.com
- Udacity Web Development: Blogging site
- CS349: A web ui to track time spent along with an analytics view to summarize user data
- CS350: Implemented parts of OS/161 such as synchronization primitives, virtual memory systems, and various syscalls
- Swimming, Billiards, Drawing, Painting