

Zhi An NG

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Java, Python, Django, JavaScript, jQuery, HTML, CSS, LESS, Bootstrap, PostgreSQL, C, Unix, Eclipse, Vim, Tmux

Professional Experience

Google, Software Engineering Intern, New York, October 2015 – Present

- Work with Java Reflections, Protocol Buffers, WSDLs, and SOAP to extend a large and tested internal tool that powers AdWords and DoubleClick
- Add features to an internal issue management bot written in Python, used by hundreds of teams in Google, eliminating tedious work done by the team every quarter to get status updates on bugs
- Speed up DoubleClick for Publishers Developers Site generation by 5x

EquityZen, Product Engineering Intern, New York, August 2014 – July 2015

- Build web application on Python/Django stack backed by Celery, RabbitMQ, PostgreSQL
- Extend test coverage of code over 5x, using unittest, nosetests, coverage.py, and Selenium
- Optimize web page delivery speed, >20% speed increase, using cache and compression
- Implement third party integrations with HelloSign, MailChimp, CrunchBase

Ganglia, Google Summer of Code (GSOC) Student Participant, Singapore, May 2013 – Aug 2013

- Improve existing code base of JMXetric by adding unit tests and refactoring
- Made a configuration discovery tool to easily generate XML configuration files

Centre for Strategic Infocomm Technologies (CSIT), Intern, Singapore, Feb 2012 – Jul 2012

- Performed preliminary studies on Hadoop, HBase, Cassandra to help with Big Data problems
- Developed an API on top of Hadoop and HBase for clients to communicate with database easily

Projects

Open-source projects

- Creator of [pycrunchbase](#) (2k users last month), [colordiffs](#), [multi-step-modal](#)
- Chrome extensions [QuickView for YouTube](#) and [Where is it?](#) (code navigation for GitHub)

Open-source contributions

- Contributed to [MkDocs](#), [PyBambooHR](#), [Django](#), Ganglia, [jmxetric](#), [CodeMirror](#) for GSOC

Leadership Experience

Chairperson of National University of Singapore Students' Union Welfare Committee

- led a committee of 50 people to organise school wide events reaching 10,000 students

Director of Freshmen Orientation Projects

- organized programs for 300 freshmen in the summer, including two camps and two gatherings

Education

National University of Singapore, 2012 – present (Class of 2017)

- Bachelor of Computing (Computer Science) Undergraduate

Hwa Chong Institution, 2008-2009

- Hwa Chong Diploma with Merit 2009
- Outstanding Student Award 2010

Achievements

Break The Banks Hackathon 2016 Best Business Idea - ForX

AngelHack Brooklyn 2015 Overall Winner, Linode Prize – [Where is it?](#)

Video Hack Day NYC 2015 People's Choice – [VidComb](#)

Smart Cities Hackathon NYC 2015 Winner – [What sunblock should I use?](#)

Hack & Roll 2013 Best Freshmen Project – NUSMorge