



CHAN AO WEI, OSWELL

Contact

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Links

Website: oswellchan.github.io
Github: github.com/oswellchan

SKILLS

- Java
- C++
- C#
- Python
- JavaScript
- PHP
- HTML
- CSS
- SQL

FRAMEWORKS

- CodeIgniter
- Laravel
- Struts 2

EDUCATION

National University of Singapore

Bachelor of Computing
(Honours) in Computer Science

- Dean's List for AY2014/2015 Sem 2
- Certificate of Distinction in the area of Interactive Media

WORK EXPERIENCE

Acronis – C++, Python
August 2016 – Current

Software Engineer. Automated migration of application data from different backup products using Python scripts. Enhanced existing products that uses C++ code base.

Website: <http://www.acronis.com/>

Gametize Pte Ltd – Java, SQL, CSS, JS
May 2015 – Nov 2015

Software Engineer Intern. Improved Java backend that translates MySQL queries to Microsoft SQL Server queries. Optimized heavy SQL queries, speed increase > 30%. Improve UX of Gametize webapp to deliver pages faster through AJAX.

Implemented other miscellaneous UX features for Gametize webapp.

Website: <https://gametize.com/>

PROJECTS

Facebook Open Academy 2016 (PowerPointLabs) – C#

Selected for Facebook Open Academy 2016.

Worked on PowerPointLabs; a PowerPoint add-on that makes creating engaging PowerPoint presentations easy.

326 000++ users. Created new set of features (PositionsLab).

Website: <http://www.comp.nus.edu.sg/~pptlabs/>

Github: <https://github.com/PowerPointLabs/PowerPointLabs>

Gently – Java, PHP, CSS, JS, MySQL

Streaming service similar to Twitch and Youtube Live Streaming.

Uses a Content Delivery Network architecture for end-to-end real time streaming.

Created master server that controls how viewers are allocated to slave servers.

GitHub: <https://github.com/oswellchan/Gently>

WhoPay – PHP, CSS, JS, MySQL

Collaborative bill splitting webapp with OCR. Worked on database design and implemented bill calculation algorithm. Integrated external OCR API.

Website: <https://whopay.herokuapp.com>

GitHub: <https://github.com/kiangkuan/WhoPay>

See more projects and contributions at <https://github.com/oswellchan>

ACCOMPLISHMENTS

Field of Computing

- Enrolled in Facebook Open Academy 2016
- Participated in Hack&Roll 2016 (23 – 24 Jan 2015)
- 5th in The CTF Security Competition (17 Jan 2015)
- Participated in Gamecraft! 2013 (21 – 24 Sept 2013)

Field of Entrepreneurship

- Finalist in FedEx Express/Junior Achievement International Trade Challenge Singapore 2009

Leadership

- Project Director of NUS Computing Freshmen Orientation Week Camp 2014
- Director of Manpower of NUS Computing Freshmen Social Camp 2013