

Yong Jie Wong

yjwong.name | yjwong92@gmail.com | +1 (516) 800-5651

EDUCATION

CARNEGIE MELLON UNIVERSITY (CMU)

MASTER OF ENTERTAINMENT TECHNOLOGY

Expected Dec 2017 | Pittsburgh, PA
Entertainment Technology Center

NATIONAL UNIVERSITY OF SINGAPORE (NUS)

BACHELOR OF COMPUTING (HONS)
Dec 2014 | Singapore
Conc. in Interactive Media
School of Computing

COURSEWORK

GRADUATE

Building Virtual Worlds
Visual Storytelling
Improvisational Acting

UNDERGRADUATE

Multimedia Content Analysis + Search
General Purpose Computation on GPU
Social Media Computing
Parallel Computing
Computer Graphics
Human Computer Interaction
Computer Networks and Protocols
Software Systems Design
Software Engineering
(Teaching Assistant)

SKILLS

PROGRAMMING

Java • C++ • JavaScript • HTML
CSS • SASS • SQL • Qt • PHP
Python • Assembly • Ruby
L^AT_EX • C# • CUDA • OpenCV

PLATFORMS

Docker • Android • Linux
Amazon Web Services • Unity

CREATIVE TOOLS

Photoshop • Illustrator • Premiere Pro
Lightroom • After Effects

LINKS

Blog:// blog.yjwong.name
GitHub:// [yjwong](https://github.com/yjwong)
Twitter:// [@yjwong](https://twitter.com/yjwong)
StackOverflow:// [yjwong](https://stackoverflow.com/users/yjwong)

EXPERIENCE

GLINTS | TECHNICAL LEAD AND ADVISOR

Jan 2015 - Present | Singapore

- Shipped Glints - a career discovery and development platform for young people. Raised US\$2m in Series A funding.
- Led a team of software engineers to build the product and internal tools.
- Worked with CTO to increase monthly active users by 40x (~23% MoM) and userbase by > 30x (~20% MoM).

GOLDEN EQUATOR CAPITAL | SOFTWARE ENGINEER INTERN

Jun 2014 - Sep 2014 | Singapore

- Shipped Waach - a video analytics platform for YouTube and Dailymotion.
- Wrote and reviewed code for the landing site and the video management component.

GAO CAPITAL | TECH EXECUTIVE

May 2013 - Aug 2013 | Singapore

- Deployed and maintained OpenLDAP and PAM-based centralized authentication system.
- Deployed corporate intranet system using eXo Platform, Node.js, OpenVPN, ownCloud (data warehousing) and MediaWiki (knowledge management).

CYANOGENMOD | OPEN SOURCE CONTRIBUTOR

Jan 2012 - Dec 2012

- CyanogenMod is an aftermarket firmware distribution for Android devices.
- Performed reverse engineering of ARM binaries for the Samsung Galaxy S II.
- Contributed to the hardware bringup for the HP Touchpad.

ACADEMIC PROJECTS

BUILDING VIRTUAL WORLDS | PROGRAMMER AND PRODUCER

Aug 2016 - Present | Entertainment Technology Center, Pittsburgh

- Completed 4 interactive experiences in 2 weeks within multidisciplinary teams.
- Worked with the HTC Vive, Oculus Rift and Leap Motion.

RESEARCH

FINAL YEAR PROJECT | UNDERGRADUATE RESEARCHER

Jan 2014 - Nov 2014 | Singapore

Worked with **Ivan Chen** and **Dr. Pung Hung Keng** to extend **Coalition**, a middleware for context-aware computing. The extension involved adding reasoning capabilities to the middleware and a proof of concept demonstration on the Android platform.

AWARDS

2016		NUS Award for Study Abroad (NASA) Scholarship
2015	2 nd	UP Singapore Manpower Hackathon
2013	1 st	CS3246 Multimedia Content Analysis and Search Term Project Showcase (Search-a-gram: Advanced Search Functions on Instagram)
2012	2 nd	CS3240 Interaction Design Term Project Showcase (DAYS Scheduler: Meeting Management)
2010	National	ASEAN Undergraduate Scholarship