# Yong Jie Wong

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## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE (NUS)

BACHELOR OF COMPUTING (HONS)
Dec 2014 | Singapore
Conc. in Interactive Media
School of Computing
GPA: 3.97 / 5.0

### HWA CHONG INSTITUTION

Grad. Dec 2010 | Singapore

## LINKS

GitHub:// **yjwong**
Twitter:// **@yjwong**
StackExchange:// **yjwong**

## COURSEWORK

### 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

Highly familiar:
Java • C++ • JavaScript • HTML
CSS • SASS • SQL • Qt
Moderately familiar:
PHP • Python • Assembly •
Ruby • LaTeX • C# • MPI •
CUDA • OpenCV

### PLATFORMS

Docker • Android • Linux •
Amazon Web Services

### CREATIVE TOOLS

Photoshop • Illustrator • Premiere Pro •
Lightroom

## EXPERIENCE

### GLINTS INTERN PTE LTD | TECHNICAL LEAD

Jan 2015 - Present | Singapore
- Glints is a Career Discovery and Development Platform. The startup has raised US$475k in seed funding.
- Led a team of software engineers to build the product and internal tools.
- Worked with CTO to increase monthly active users by 22x (~29% MoM) and userbase by > 8x (~19% MoM).

### GOLDEN EQUATOR CAPITAL | SOFTWARE ENGINEER INTERN

Jun 2014 - Sep 2014 | Singapore
- Shipped Waach - a video analytics platform for YouTube and Dailymotion.
- Full-stack developer - 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 based on eXo Platform, Node.js and OpenVPN. ownCloud used for data warehousing, and MediaWiki for knowledge management.

### NUS STUDENTS COMPUTING CLUB | IT DIRECTOR & PRESIDENT

Aug 2011 - Aug 2013 | Singapore
- Managed a committee of 24 members and 11 subcommittees consisting more than 120 members, which in turn organized more than 10 successful projects.
- Maintained the Club's IT services, including its server, website and locker balloting system, and deployed the Club's wiki and migration to Google Apps.

### 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.

## 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

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