



Chong Jia Wei jaewei.j.w@gmail.com

Education

- Bachelor of Computing (Computer Science), Honours **Aug 2013 – May 2017**
- Catholic Junior College **Jan 2011 – Dec 2012**

Skills

Windows, Mac, Microsoft PowerPoint, Microsoft Word, Microsoft Excel

Programming languages: Java, C++

Web languages: HTML5, CSS, PHP, MySQL, JavaScript

Frameworks: CodeIgniter, Angular.js, Bootstrap, jquery, d3.js

Modules Taken

Data Structures and Algorithms, Design and Analysis of Algorithms, Programming Methodology, Software Engineering, Interaction Design, Computer Graphics, Web Programming and Applications, Phenomena and Theories of Human-Computer Interaction, Software Engineering Principles and Patterns.

Projects

Improving National Olympiad in Informatics (NOI) website **Jan 2015 – May 2015**

- Designed website with bootstrap to match it with the university's website corporate theme so viewers do not feel lost.
- Created it as a cross-platform single page application to improve user experience and performance time so website viewers can view website with ease on their smartphones and tablets.

Static Program Analyser **Jan 2015 – Nov 2015**

- Create a Simple Parser Analysis with C++ in a group of 6 over 2 semesters.
- Evaluate design decisions at architecture and implementation levels.
- Plan and construct multi-level optimisation in processing and evaluating queries.

Software Engineering introductory project **Aug 2014 – Dec 2014**

- Create a task manager application in Java, in a group of 3 for a semester.
- Constructed parser to use design patterns so application can be extended to take in more natural language input type.
- Plan, design and implement component with software engineering principles and OOP concept in mind.
- Document decisions and create a developer and user guide to communicate with future developers product architecture implementation objective.

Co-Curricular Activities

Welfare Director of Computing Club

Sep 2014 – Aug 2015

- Manage important bi-annual events such as Welfare pack giveaways by purchasing snacks and organised 30 volunteers to hand out 700 welfare packs for 5 week. Welfare packs were given out at a rate of 100 packs in 2 hours for 5 consecutive days.
- Manage bi-annual faculty textbook flea market, where an approximation of 30 to 40 books are sold every semester. This event helped students greatly lower their cost in purchasing recommended textbooks for their modules.
- Held spontaneous activities such as Rest & Relax (R&R) Night and Escape the Room, intended to help students unwind before the semester kicks off. An estimate of 50 participants attended each event.
- Helped promote School of Computing and clarify doubts in NUS Open Day and Tea Sessions.

- Volunteered in Freshman Orientation Projects

Jun 2014 – Aug 2014

(FOP) and helped freshmen adapt to university life after camp

- Give back to the community by putting up a performance in NUS RAG

Aug 2013, Aug 2014

Additional Information

- Fluent in English and understands Mandarin.
- Likes to watch others play video games.