

Leonard Wong

- lywong.2017@sis.smu.edu.sg • +65 8754 5096
- <https://leonardwong.tech> • <https://www.linkedin.com/in/ltl96/>

EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY **Aug 2017 – Dec 2021(Expected)**

Singapore

Candidate for Bachelor of Science (Information Systems)

Major in Information Systems (Cyber Security)

- Quantedge Foundation Scholarship
- MPA Global Internship Award

Nanyang Polytechnic

Apr 2014 – May 2017

Singapore

Diploma in Business Informatics with Merit

- GPA: 3.91/4
- Edusave Merit Bursary
- Edusave Skills Award
- Director's List AY2014/2015 – AY2016/2017 (All semesters)

Gachon University

Sep – Dec 2015

Seoul, South Korea

Overseas Exchange Student

- Major in Business

EXPERIENCE

Alpha Ori Technologies Pte Ltd

4 May – 31 Jul 2020

Singapore

Maritime Tech Solutions Intern

- Conversion over 150 million items with over 3 billion data points from unstructured data to DynamoDB
- Setup infrastructure for API trial run with 3 vendors
- Analysed frequency and quality of data received from vendors
- Developed program to sort data via MMSI or VesselType
- Aggregated data points & created Voyage plan to analyse trends and identity patterns

Alpha Ori Technologies Pte Ltd

13 May – 2 Aug 2019

Singapore & Silicon Valley, California

Intern

- MPA Global Internship Award
- Understanding of several projects in the works including recognizing rusting using AI & Charter Party Dashboard
- Analysed the data requirements for Charter Party Dashboard to determine over 100 data points across 12 different screens in Charter Party Dashboard
- Sole Developer to configure and test AIS Dispatcher using Raspberry Pi, rPiAIS & RTL-SDR
- Acquired the knowledge on the functionality & the usage of AIS, VHF, UHF, Raspbian and command-line interface to complement the implementation of AIS Dispatcher
- Experienced and guided through the entire product development process

Thome Ship Management Pte. Ltd.

7 May – 5 Oct 2018

**Singapore
IT Intern**

- Graded 'Excellent' for this period of internship, the highest grade an SMU undergraduate could attain on an internship
- Lead Sole Developer for Enterprise Analytics Portal, a dashboard view that aims to provide an overview of 15 useful data points to owner, fleet group & company. This is just 1 of the 5 modules in this project
- Lead Sole Developer for Ship Agency, in collaboration with Project Lead in Manila to streamline Agency Department, by developing a centralized system to handle over 160 emails/hour.
- Developer for Vessel Information Portal. Assist in implementing & improving mapping data through the use of API & updating the UI for displaying over 230 vessels information.
- Lead Sole Developer for Project Scheduler that will automatically update over 230 vessels information on an interval frequency.
- Independently learnt several new technology areas tasked by the company and produce results quickly, often within the same day (Q88 API, OpenLayers/OpenStreetMap/OpenSeaMap API, Building Data Warehouse, Data Mart, Console Application)
- Willingness to take the initiative to assist other Business Analyst when they encounter technical issues such as fixing bugs, server not connecting & code changes
- Self-learnt Progressive Web Apps (PWA) within 2 days. Presented the technology to supervisor with demo of working product. Thereafter, spent 2 weeks to refined some of the details before presenting to the entire IT team

**RightSpot (Formerly Jobook Singapore Pte Ltd)
Singapore
Intern****Jul – Oct 2016**

- Eliminated over 20 bugs to enhance the stability of the website in less than 2 weeks
- Developed a sorting menu bar for a bird's eye view of 250 applicants' status each time
- Coded a system that populated over 500 companies for the sales team
- Designed and Programmed Job Listing solely, that will drive sales of over S\$500,000.

**SamMobile
Remote****Jul – Dec 2013****Contributing Writer (Freelance)**

- <https://www.sammobile.com/author/LeonardW-2/>
- Written and published an average of 1-2 articles per week for over 1.5 million registered site members

CO-CURRICULAR ACTIVITIES

**Singapore Management University
SMU Apolitical's 8th Executive Committee,
Honorary Financial Secretary
Incoming Executive Committee Member (12 Jan 2018)
Sub-Committee Member (Oct 2017)****13 Jan to 8 Nov 2018**

- Planned Mr Ong Ye Kung's Ministerial dialogue session with 3 SMU Apolitical's Executive Committee and 3 other Sub-Committee Members
- Hosted the dialogue session with over 90 attendees, in collaboration with REACH & MINDEF

- Hosted the dialogue session with Dr. Janil Puthucheary's with over 20 attendees, in collaboration with OnePeople.sg
- Responsible for all financial matters including budget, claims & expenses
- Planned, organized and executed the Book Launch for SMU Board of Trustees Chairman, Founder & Executive Chairman of Banyan Tree Holdings, Ho Kwon Ping

Nanyang Polytechnic

Mar – Apr 2015

Publicity Member

- Edited 2 teaser videos that was posted on NYP Facebook Page and circulated to over 350 Nanyang Polytechnic, School of Information Technology's (SIT) freshman
- Designed and Created over 100 name tags with a team of 8 for all helpers, Orientation Group Leader & Executive Council Members
- Planned, produced and edited 1 credits video that was displayed around SIT

Nanyang Polytechnic

Open House Tour Guide

Jan 2015

- Guided 4-5 groups of around 40 secondary students each around the school

SKILLS & INTERESTS

- Skilled in HTML, CSS, JavaScript, ASP.NET, C#, SQL, MaterializeCSS, Bootstrap, Java
- Basic proficiency in Python, jQuery, PHP, Node.js, Twilio API, XAML, Xamarin.Forms, ASP.Net Console App
- Language proficiency: Fluent in English and Mandarin
- Interests: Reading, Current Affairs, Business Management Strategy, Economics, Finance & Politics