**Leonard Wong**

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**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) Jul – Oct 2016**

**Singapore**

**Intern**

• 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 Jul – Dec 2013**

**Remote**

**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 13 Jan to 8 Nov 2018**

**Incoming Executive Committee Member (12 Jan 2018)**

**Sub-Committee Member (Oct 2017)**

**•** 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, ASP.Net Console App

**•** Language proficiency: Fluent in English and Mandarin

**•** Interests: Reading, Current Affairs, Business & Politics