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