

ACADEMIC QUALIFICATIONS

Singapore Management University **August 2014 – April 2018**
Candidate for BSc. Information Systems with a second major in Analytics

Ritsumeikan Asia Pacific University **March 2017 – July 2017**
International spring exchange program in Beppu, Japan

ANLY482 – Analytics Practicum **January 2018 – April 2018**
SMU Li Ka Shing Library

Analyst

Worked in a team of 3 to analyse if the increase in loan policy from 2 hours to 3 hours is sufficient.

- Liaised with client to gather requirement, business understanding and data to analyse.
- Prepared data by standardising values, removing outliers and missing values and calculating new calculated values using JMP.
- Performed Fisher's Exact Test and Wilcoxon Signed Rank Test to test the significance of the findings using JMP.
- Presented findings to client and recommended a change in policy.

IS439 – Internet of Things **January 2018 – April 2018**
SMU GROW

Worked in a team of 6 to create an IoT solution to assist gardeners to find the optimal conditions for plant growth.

- Liaised with President of SMU GROW to deploy our team's prototype on their plot.
- Analysed environmental conditions to implement a feasible prototype.
- Tested and debugged Raspberry Pi 3 to improve battery life for deployment.
- Analysed the difference between IoT farming and non-IoT farming using Tableau.
- Analysed the sensitivity of the sensors using Tableau.

IS434 – Social Analytics **August 2017 – November 2017**

Timothy Joshua, @timoteijosh

Social Media Analyst

Worked in a team of 5 to increase Timothy's follower count and post likes.

- Recommended hashtags and optimal timings for his posts, leading to the highest number of likes for his posts.
- Recommended maximum number of words to use in his posts using regression.
- Analysed sentiments from the comments of his posts using NLP.

IS480 – IS Application Project **June 2016 – November 2016**
Fixir

Web Application Developer

Worked in a team of 5 to create a car maintenance platform for drivers to receive and compare quotations from trusted workshops.

- Proposed an improved business process to integrate web application into the current workflow.
- Developed web application for workshops and mobile responsive web application for drivers using scrum methodology.
- Conducted user testing with 30 users.

WORK EXPERIENCE

Roadbull Logistics Pte Ltd **January 2017 – March 2017**

Operations Analyst

- Spearheaded in a project to automate sorting processes, improving sorting accuracy to more than 97%, decreasing sorting time by 2 hours.

- Created a UI prototype for Roadbull's career page using Axure RP.
- Conducted 3 1-hour Excel training workshop for 15 fulltime employees to increase their efficiency.
- Created Excel Macros to clean and format sales data, reducing the time taken by more than 50%.

Papier Blanc

May 2016 – August 2016

Web Developer

- Developed and maintained mobile responsive Tumblr and Wordpress sites for clients.
- Created a user guide for client to post blogs on Wordpress.

CO - CIRICULAR ACTIVITIES

SMU Travitas

2014 – 2015

Operations Director

- Headed a team of 7, to plan and execute a welfare drive with internal stakeholders for 300 exchange students and members.
- Responsible for logistics, including sourcing of food vendors, setting up of photo booths and sound systems.
- Planned for manpower allocation for the various food and photo stations.

SMU Arts and Cultural Fraternity – EVE Arts Awards Night 2015

July 2015 – October 2015

Operations Executive

- In a team of 7, organised a night to celebrate the Arts in SMU, achieving the target audience of 300 students and staffs in total.
- Proposed food vendor given a tight budget.
- Managed the setting up of venue, including lights and sounds, manpower allocation and program flow.

SMU Broadcast and Entertainment – Be-xposé Camp 2015

October 2014 – August 2015

Operations Director

- Organised a 3D2N camp for 100 incoming freshmen, introducing them to different wings in the club.
- Handled logistics, manpower allocation and booking of venues.

SMU Arts and Cultural Fraternity – Arts Camp 2015

September 2014 – June 2015

Programs Executive

- Worked in a team of 5 to organise a 3D2N camp for 200 incoming freshmen, introducing them to different arts clubs in SMU.
- Liaised with more than 20 clubs to conduct workshops and to perform for freshmen.
- Organised a Gala Night, involving external performers.

COMMUNITY SERVICE

SMU Caretalyt – Flight of Dream

July 2015

Facilitator

- Guided children from various beneficiary such as Beyond, to find their dream.
- Facilitated in bringing the children to Marina Barrage for fun, games and to fly their dreams.

Gazaab Nepal VI

August 2014 – December 2014

Operations Executive

- Planned and executed a 2 weeks project in Sanjiwani Higher Sec. School, Dhulikhel, Nepal, teaching students about business and funding them for their business proposal.
- Mentored 3 teams of 5 students, resulting in 1 team obtaining seed fund for their business proposal.
- Painted and organised the library in Sanjiwani Higher Sec. School to provide a more conducive environment for students to study.
- Raised over S\$1000 through a 1-week fund raising in SMU.

ADDITIONAL SKILLS

- Programming Languages: Java, Python, Javascript, HTML, CSS
- Software: SAS, JMP, Tableau, Axure RP