

# James Nathaniel salim

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## Career Profile

Highly Motivated Food Science and Technology graduate from the University of New South Wales who can offer:

- Analytic and Flexible ways of thinking and diligence as demonstrated through thesis Project, while also exhibit an acute sense of detail through data management and data analysis
- Strong interpersonal and communication skills gained and practised as a receptionist of a small clinic

## Education

### University of New South Wales

Bachelor of Food Science and Technology (honours)

Graduating on Aug of 2019

Bachelor of Science – major in material science and food science

Feb 2011-Nov2015

### Kyushu University

received JASSO scholarship based on academic merit

2018-2019 Summer Semester

## Experience

### A receptionist at Dr Mark Teng surgery, Hornsby

Jan 2015 – Present

- Receive visiting patient
- Communicate and coordinate with associated medical business, i.e. laboratory and nursing homes to manage doctor's appointment to ensure the smooth operation of the clinic
- Organise medical documents and data entry

### Volunteer at AIFST

Jul 2019

- Receive, direct and informs convention attendees to the correct session rooms
- Direct session attendees to an available seat, find the missing speaker and set up extra chairs in response to the higher expected amount of attendees As session runner.
- Help in re-directing session attendees to changes in session location.

### Internship at Powertrans Engineering

Dec 2016 – Jan 2017

- Inventory stock checking
- Conduct maintenance of truck engine (automatic model). Including taking apart, identifying and replacing broken/ used up components and reassembling the engine
- Operate industrial crane for transporting heavy object.

### Tutor At Abacus Tutoring, Hornsby

Jan 2015 – Dec 2015

- Teaching children from kinder garden to 6<sup>th</sup> grade on the use of abacus and mental arithmetic
- Displayed initiative to help and guide all type of children to progress through the curriculum and complete the class.
- Assessing students progress and marking student's work.

## Project

### Food Science and Technology Honors Thesis

A Comparison of Accuracy Between Finite Element Method (FEM) and Two-Layer Drying Model

- Utilise FEM program, and Microsoft Excel program tasked on calculate two-layer drying model to simulate the drying condition of coffee bean
- Extensive use of data analysis and error calculation to assess and compare accuracy.
- Conduct multiple parallel experiments as a countermeasure of the extended experiment time.
- Utilising knowledge of each model characteristic to identify bug and error in the program used and create a temporary stop-gap solution to bypass the bug.

## Skill Summary

### Biological and Chemical Laboratory

- Conducting a microorganism identification test
- Microbiological and chemical sample handling.
- Utilisation, operation and maintenance of laboratory device. Such as Microscope, moisture analyser, texturometer, Spectrometer, Spectrophotometer until Diffractometer.
- Basic training in Good laboratory practice

### Computer proficiency

- Proficient in the use of Microsoft program (Words, Excel, Powerpoint) as demonstrated through thesis project to create a program to emulate two-layer drying model and analyse the accuracy of the said model and Finite Element Method (FEM) based model.

### Product design and development (food)

- Develop a new product under the theme of molecular gastronomy
- Designing the upscaling of production method
- Design HACCP program for the production of said product

### QC/QA

- Understanding of and application of Total Quality Management tools and technique
- Development of HACCP program
- Epidemiology and public health related to the product
- Identification and development of hazard management and risk reduction strategies

## Extracurricular activities

Sydney Kendo Club (SKC) 2012 – present  
Achieved 1<sup>st</sup> dan (black belt equivalent) in kendo

Member of the founding executive of UNSW World Of Tanks society A society formed in 2014 and became official in 2015  
as event Coordinator

## Reference

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