

## contact

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## languages

English and Mandarin

## programming

JavaScript  
Java, Ruby, Swift,  
PHP, Python  
CSS & HTML

## education

Aug 2015 -  
May 2019

### Bachelor of Computing

National University of Singapore

Junior, Computer Science (Software Engineering and Information Security specializations) + University Scholars Programme

2007–2012

### A-Levels

Hwa Chong Institution

H2 Physics, H2 Computing, H2 Mathematics, H2 Economics

## internships

2018

### Facebook

Facebook HQ (Menlo Park)

*Software Engineering Intern*

Incoming Software Engineering Intern from January to April 2018.

2017

### Lions Befrienders Association of Singapore

Computing for Voluntary Welfare Organizations

*Project Manager/Lead Developer of a 10-person development team*

Deployed and improved a new Ruby on Rails application (Live site) for the Lions Befrienders volunteers and staff. Responsible for communicating with the client, project specifications, team coordination, server management, and code review.

2016

### Lions Befrienders Association of Singapore

Computing for Voluntary Welfare Organizations

*Developer in an 8-person team*

Helped architect and develop a web application that supports the Befrienders in volunteer management, analytics, and operations.

2015

### Tinkertanker

*Software Engineering Intern / Instructor*

Developed Cellophane (Github), a translucent caching wrapper for the Simperium API.

## experience

2016–2017

### School of Computing

National University of Singapore

*Teaching Assistant*, CS1101S and CS2020

Served as the TA for a Discussion Group of around 10 students for CS1101S(introductory Functional Programming) and CS2020(Data Structures and Algorithms).

2010–2011

### School of Computing

National University of Singapore

*Researcher*, MOE-NUS Science Research Program

*Sentiment Classification of SMS Messages using Machine Learning Techniques*

This research paper introduces the use of Support Vector Machines, a form of machine learning, in analyzing SMS Messages in any arbitrary language.

## projects

2018

### E-Human Library

University Scholars Programme

*Ruby on Rails*

Online platform to catalogue and organize the knowledge and experience of community members, and provide a channel to facilitate offline sharing.

2017

### Twelve Days of Christmas

*Swift*

A 3D top-down iPad drone delivery game, developed using Swift on iOS.

2016

### Focust

*Android and Node.js*

A social focus-training Android app based on the pomodoro method.

Can be found on the Google Play Store and Github

2015

### Online Tuition Service Management

Dingle Tutors

*PHP(Laravel)*

Online manpower-management service that handles tutor-student matching and record keeping.