

# Jess Teo Xi Zhi

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## EDUCATION

### National University of Singapore

Aug 2018 – Present

- Bachelor of Engineering (Computer Engineering)
- Cumulative GPA: 4.36/5.0
- Expected date of graduation: May 2021

## WORK EXPERIENCE

### National University Of Singapore

Aug 2019 – Present

*Teaching Assistant to Dr Sangit Sasidhar on "Engineering Principles and Practice I" module*

- Guided students in weekly lab work and gave consultations to students who needed help

### Thatz International Pte Ltd

May 2019 – Aug 2019

*Intern, Software Engineer*

- Designed front-end web application using HTML
- Integrated external login services like Facebook and LinkedIn into the server
- Incorporated payment services like Paypal and Stripe into the application
- Assisted in writing unit test for the web application

### Procoil Engineering Pte Ltd

Feb 2018 – Jul 2018

*Intern, Engineering*

- Assisted in writing and testing of software for reeling machines using Programmable Logic Controllers (PLCs)
- Assembled reeling machineries which was essential for core business
- Converted 2D drawings into 3D using SolidWorks which help speed up assembly process by providing a clearer overview

### Republic of Singapore Air Force

Apr 2016 – Feb 2018

*Lieutenant, 606 Squadron*

- Spearheaded real time operations in protecting the air base from conventional threats
- Led in the planning and facilitation of training and fitness regimes which was essential for daily operations
- Presented post-operation briefs to air base commanders after emergency deployments

## CO-CURRICULAR EXPERIENCE

### Fintech Society

Aug 2019– Present

*Member, National University of Singapore*

- Developed a Fraud Detection Analysis model which has an accuracy of 90%

### Basketball

Jan 2011 – Present

*Captain, Kent Ridge Hall*

- Represented Anglo-Chinese Junior College in the A Division Basketball Tournament in 2015, 2016
- Represented Kent Ridge Hall in the Inter-Hall Games in the National University of Singapore in 2019
- Represented Computing Faculty won first in the Inter-Faculty Games in the National University of Singapore in 2018, 2019

## VOLUNTEER EXPERIENCE

### Cambodia, Koh Rokar

Nov 2015 – Dec 2015

*Logistics In-Charge*

- Constructed a dynamic Excel Sheet for easy tracking of logistics which expedited the stock-taking process
- Managed funds and budgeted the funds to ensure all stakeholders' needs were met
- Organised Mathematics and English lessons for the children at the Church
- Collaborated with locals to lay foundations for a concrete road for the Church

## ADDITIONAL INFORMATION

- Highly proficient in spoken and written English and Mandarin
- Basic proficiency in C, C++, Java, React Native, C#, HTML and MVC.NET
- Certification of Basic Python Programming DS101 with Distinction
- Adept in Microsoft Excel, Word, PowerPoint, Keynote, Photoshop, iMovie
- Experience with embedded systems design using the Arduino programming environment
- Finalist in Circles.Hack, participated in DSTA BrainHack 2019 and National Data Science Challenge 2019 by Shopee