

## EDUCATION

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**Nanyang Technological University, Singapore** Aug 2015 – May 2019

**Bachelor of Engineering (Mechanical Engineering) with a Second Major in Business**

- Dean's List for Semester 1, Academic Year 2017/2018
- Expected Honours (Distinction), Current CGPA: 4.30/5.00

**University of Copenhagen** Sep 2017 – Dec 2017

Student Exchange Programme

- Gained new perspectives and insights into European Union economic issues through discussions in class

## ACADEMIC PROJECT

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**Nanyang Technological University, Singapore** Aug 2018 – May 2019

**Final Year Project – Design a system for repositioning of bikes in a bike-sharing system**

- Developed a profit-maximization system to rebalance bikes efficiently for bike operators
- Optimised the total number of bikes per station and attained an increase of 15% profit margin
- Validated results from Newsvendor model using Monte Carlo simulation with 2,000 iterations

## INTERNSHIP EXPERIENCE

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**Total Utility Pte Ltd** Jan 2018 – Jun 2018

**Operations Processes Department, Intern**

- Worked closely with 3 contracted engineers from YY Technologies to improve and optimise operations of the Biogas Engine and Thermal Hydrolysis Plant by 20%
- Facilitated in the maintenance and operation of 3 Biogas Engines and 1 Thermal Hydrolysis Plant
- Assisted the development of the 5<sup>th</sup> Biogas Engine by gathering relevant information to prevent previous issues of the Biogas Engines

## WORK EXPERIENCE

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**The ABC Bank Limited** May 2017 – Aug 2017

**Sales & Operations Assistant**

- Implemented checking criteria for predicting user behaviour to automate checking process, resulting in a decrease of 5% in fraudulent transactions in Thailand market
- Analysed regional sales accounts across 5 countries in Asia Pacific and translated data gathered into insights using data visualisation tool Tableau
- Identified key growth areas and presented insights to Sales Director to craft 3 new countries' market entry strategies

## CO-CURRICULAR ACTIVITIES

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**Engineering Club** Jan 2017 – Jun 2017

**Vice President**

- Managed 3 major fundraising events, secured a total of \$10,000 worth of funds through creating awareness of events on Social Media and reaching out to halls and student community
- Oversaw publicity efforts and developed outreach strategies to deliver consistent message across various platforms reaching a breakthrough 20% increase of new club members

**Freshmen Orientation Camp** Jun 2016 – Aug 2016

**Programmes Committee Member**

- Planned games and camp activities for 200 freshmen to encourage interaction and bonding
- Trained 30 camp volunteers on facilitation skills during a half day workshop to enhance ability to carry out camp activities safely

## SKILLS

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Languages: Proficient in English and Chinese, conversant in Danish

Digital Skills: AutoCAD, MATLAB, Python, Excel VBA, Tableau, Photoshop, Microsoft Office

## HOBBIES & INTERESTS

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Travelling, Playing musical instruments (Guitar and Piano), Sports (Basketball)

## RESUME CHECKLIST

- 1. Include LinkedIn, Design / Creative Project Portfolio URL at the header (optional)
- 2. Include relevant FYP / Coursework / overseas exchange / URECA project(s) (optional)
- 3. Work experience includes Internship(s) and relevant full-time / part-time work
- 4. Resume to be written in past tense (except current experiences)
- 5. Use strong Action Verbs
- 6. Have 3 to 4 bullet points per experience
- 7. Avoid typo errors, grammatical mistakes and abbreviations
- 8. Format and layout to be professional, clean and simple
- 9. Be consistent with alignment (left / right) and duration (mmm/yyyy)
- 10. Use recommended font type and font size e.g. Arial 11-12
- 11. Keep your Resume to preferably 1 page, maximum 2 pages
- 12. Recommended to submit a PDF file to employers (but subject to employer's instructions)