

# Ryan Pee

[rpee2.github.io/portfolio/](https://rpee2.github.io/portfolio/)

## EDUCATION

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**Nanyang Technological University (NTU)**, Renaissance Engineering Programme (REP) *Aug 2016 - Dec 2020*

- Awarded the NTU-REP scholarship
- Will receive a double degree comprising a Master of Science in Technology Management and a Bachelor of Engineering Science (Materials Science and Engineering)
- Honors (Highest Distinction) with CGPA of 4.61/5

**Northwestern University (NU)** *Sept 2018 - Jun 2019*

- Awarded the Segal Design Certificate (a program focused on developing design and problem-solving skills)
- Concurrent with REP for 1 year

**River Valley High School**, Integrated Programme *Jan 2008 - Dec 2013*

- Top 10% yearly cohort

## WORK EXPERIENCE

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**Querry Simpson Institute for Bioelectronics**, Undergraduate Researcher (*Evanston, US*) *Mar - Aug 2019*

- Collaborated with a PHD student mentor to design a heavy metal sweat sensor for their PHD thesis
- Optimized a few sweat sensor parameters and chemical concentrations for the sensor

**Essilor**, Process Engineer Intern (*Paris, France*) *Jun - Sept 2018*

- Contributed to and was responsible for the data analysis portion of a PHD project on optical polymers
- Authored an academic journal paper relating to the project

## CO-CURRICULAR ACTIVITIES

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**NU**, Improvisation Ethics Project, Stage Actor *Apr - Jun 2019*

- Performed in a small experimental play in front of a live audience where some parts of the play were improvised based on audience suggestion

**NTU**, Track and Field School Team, Athlete *Sept 2016 - Apr 2018*

- Represented NTU in the Singapore Athletics Inter-Club Championships 2017 for Men's Long Jump

**NTU**, Renaissance Engineering Club, Business Management Leader *Sept 2018 - Jun 2019*

- Led a team of five to liaise with companies for sponsorship opportunities for Freshman Orientation Camp

## SKILLS

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- Programming: VBA, R, C (Basic), Python (Basic)
  - Software: GIMP, ImageJ, Microsoft Suite, SolidWorks (Basic)
  - Languages: English (Native), Mandarin (Proficient), French (Beginner)

## HOBBIES AND INTEREST

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- Fitness (Calisthenics, Powerlifting, Bodybuilding, Yoga), Sports (Skateboarding), Music