Ryan <u>Pee</u>

EDUCATION

Nanyang Technological University (NTU), Renaissance Engineering Programme (REP)   *Aug 2016 – Present*
- 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)
- Expected Honors (Highest Distinction) with current CGPA of 4.64/5

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

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 a soon-to-be published academic journal paper relating to the project

Singapore Armed Forces, 21st Battalion Singapore Artillery, Signal Specialist   *Jan 2015 – Mar 2016*
- Maintained the discipline and motivation of a platoon of sixteen men during administrative periods
- Deployed the platoon for the setting up and maintaining of radio networks during battalion exercises

CO-CURRICULAR ACTIVITIES

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

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

HOBBIES AND INTEREST

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