Wei Haoran
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EDUCATION

Nanyang Technological University (NTU)   *Aug 2018 – **Jun 2022*** (Expected)
- **Bachelor of Engineering (Electrical and Electronic Engineering)**
- **Honours (Highest Distinction)** (Expected); current CGPA: 4.54 / 5.00
- Specialisation: Info-communications Engineering (Data Intelligence and Processing)
- Relevant Modules: (1) *Introduction to Data Science and Artificial Intelligence*
  (2) *Data structure and Algorithms* (3) *From Computational Thinking to Programming*
  (4) *Management Decision Tools*

Virtual Training and Learning Development
- Coursera Relevant Modules: (1) *Introduction to Accounting Data Analytics and Visualization*
  (2) *Python for Everybody Specialization* (3) *Excel to MySQL: Analytic Techniques for Business*
  (4) *Neural Networks and Deep Learning*

ACADEMIC PROJECTS

NTU Design and Innovation Project: ***Design of an Automatic Review System***   *Aug 2020 – Dec 2020*
- Worked with 8 team members and Led a group of 3 members
- Developed a *Deep Neural Network* to auto-generate customers' reviews based on images uploaded

NTU-EEE Module: ***Introduction to Data Science and Artificial Intelligence***   *Aug 2019 – Dec 2019*
Module Project: ***What's Cooking?*** (Team of 3 Members)
- Responsible for data cleaning and pre-processing using **Python Programming**
- Developed and tuned *Machine Learning Model* with *Random Forest Regressor*
- Achieved 50% cross-validation accuracy upon using recipe ingredients to categorize cuisine

INTERNSHIP

Autodesk Asia Pte Ltd – *Intern Software Engineering in Test* (Autodesk Data Platform)
                                                          Jan 2021 – May 2021
- Contributed to **12** automation test projects for *Product Analysis – Data Aggregation* team
- Implemented and maintained **16** automation test suites for **6** components or workflows
- Acquired skills in AWS, Jenkins, Java/TestNG, Python/Pytest.
- Increased 90% of automation test coverage on average and reported **5** production issues

WORK EXPERIENCE

Nanyang Technopreneurship Center – *Digital Marketing Assistant*   *Oct 2020 – Jan 2021*
- Wrote and Translated **8** articles of entrepreneur news and speeches
- Operated and maintained WeChat public platform for organisation

OVERSEAS EXCHANGE PROGRAMME

University of Strathclyde, United Kingdom   *Jan 2020 – May 2020*
- Modules Accomplishment: (1) *Electromagnetism* (2) *Engineering Analysis* (3) *Electrical Principles*
- Interacted with diverse international students thereby enhancing cross-cultural knowledge, self-confidence and self-reliant; honed effective communication and interpersonal skills in networking

University of California, Los Angeles   *Jun 2019 – Aug 2019*
- Modules Accomplishment: (1) *Academic English Writing* (2) *Physics Laboratory with Python*
- Gained insights into American culture and lifestyle; embraced different values, traditions, practices, norms, and beliefs

LEADERSHIP / CO-CURRICULAR ACTIVITIES

NTU Chinese Society Chinese Drama Production, *Vice President*   *Aug 2020 – Apr 2021*
- **Led** a team of 36, coordinating various departments in club
- Managed club social media channels and collaborated with school and other clubs
- Rent video equipment and facilitated online streaming of yearly performance

SKILLS

Languages: -
- English
- Chinese (Mandarin)

Software Programming: -
- Python
- Java
- SQL
- C Programming
- MATLAB

Software Testing Tools: -
- TestNG
- Pytest
- PractiTest
- Allure

Applications: -
- Amazon Web Services (AWS)
- Jenkins
- Microsoft Excel, Microsoft Word, Microsoft PowerPoint
- Adobe Photoshop, Adobe Premiere