# Tan Ling Ping

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## EDUCATION

**Aug 2015 — May 2019**

**NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE**
**School of Physical and Mathematical Sciences**
**Bachelor of Science in Applied Physics**

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## WORK EXPERIENCE

**Data Scientist Intern, Agoda**

**Sep 2018 — May 2019**

- Contributed to data query and data pre-processing such as feature preparation, hyperparameter tuning and data cleaning.
- Built a Neural Network using Python to predict intentions of customers who left messages in chat box on Agoda's website to facilitate auto responses and actions for frequently asked questions. Applied Machine Learning tools using tensorflow.

**Field Interviewer, Ministry of Manpower  (Part Time)**

**Jun 2018 — Feb 2019**
**Jun 2017 — Aug 2017**
**Jun 2015 — Aug 2015**

- Interviewed 350 households of Ang Mo Kio and Yishun for social, economic and statistical information for the Manpower Research and Statistics Department. The survey is conducted for national statistic and analysis of Singapore workforce.
- Classified respondents' occupation, industry and education according to Singapore Standard Occupation & Industrial Classification. It was synthesized and modelled into statistics and publications on unemployment, occupational wages and annual wage changes.

**Data Entry & Backend Process**, **Nanyang Polytechnic**

**Jan 2015 — May 2015**

- Created, maintained and verified database files of 1200 students' personal information, health records and academic results across 13 full time diploma courses to maintain traceability in accordance to ISO 9001.
- Advised and informed students on administrative processes to resolve enquiries and facilitate smooth processing of documents in office.

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## CO-CURRICULAR & VOLUNTARY ACTIVITIES

**Aug 2013 — Apr 2014**

**School Carnival/Fundraising Event (Celebrating Values Day)**
**Main Organizing Committee Member**

- Co-organized a fundraising event for Singapore Association for the Visually Handicapped with participation of 1,400 students, raising at least $40,000. Received Student Outstanding Contribution Award.
- Publicized and presented via morning announcements and weekly assembly talks to 1,400 students to inform student cohort of important information and excite students for the event.

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## SKILLS

- Language: Proficient in English & Chinese

- Computer skills: Python + Tensorflow, Standard Query Language (SQL), Latex, Microsoft Office