Eric Leonardo Lim

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EDUCATION

- **Nanyang Technological University** — August 2014 – May 2018
  Bachelor of Engineering (Computer Science) with Minor in Mathematics — *Singapore*
  - CGPA: 4.49/5.0

EXPERIENCE

- **Research Intern** — January 2017 – May 2017
  SAP — *Singapore*

  - Researched and developed Machine Learning models (NLP/Text-Mining) in Python.

PROJECTS

- **Final Year Project** — August – May 2018
  - Researched about a summary data structure for graph data stream and implemented in C++.

- **HiveIO** — February 2018
  - Developed a multi-player tower conquering game from scratch with Python, HTML5, and Javascript at NUS Hack N' Roll 2018.

- **Quora Question Pairs** — April 2017 – May 2017
  - Participated in a Data Science challenge hosted on Kaggle in which participants are to develop a model that given a dataset that consists of pairs of questions, predicts whether they are essentially just duplicates of one another.
  - Developed a custom Bidirectional-LSTM network in Python to solve the challenge.
  - Attained a top 25% place in the final leaderboard.

- **Multi-Disciplinary Project** — August 2016 – December 2016
  - Collaborated with 1 Computer Engineering student and 7 Computer Science students to build a maze-solving robot.
  - Developed the algorithm of the robot.

- **Curator** — January 2016 – April 2016
  - Developed a native Android application that provides general information and events of museums in Singapore. The application uses Google Place API.

Awards

- **2nd Place at The ACM International Collegiate Programming Contest (ICPC) Asia Yangon Regional 2017**:
    - Participated in an international team-based 5-hour algorithmic programming contest (in C++) consisted of teams from top universities in West Pacific and South East Asia as participants.
    - Topics of problems include dynamic programming, graphs, advanced data structures (e.g. segment tree, fenwick tree), and mathematics.
    - Won the 2nd place.

Co-Curricular Activities

- **Logistics Officer**   August 2015 – May 2016
  NTU Catholic Students Apostolate - Charismatic Prayer Group
    - Responsible for event room booking & preparation.

- **IT Director**   August 2014 – May 2015
  NTU Brainteractive Club
    - Built a new website for the club using WordPress.
    - Maintained the website.

Programming Skills

- **Languages**: C++, Python, Java, Javascript, SQL

- **Technologies**: UNIX, LaTeX, Google Cloud Engine, Jupyter Notebook, Keras, Scikit-Learn, Numpy, Pandas, NLTK, Unity