Lim Wei Xian

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Education

Bachelor (Honours) in Mathematics   Aug 2015 – May 2019
National University of Singapore

Work Experience

Associate Scientist
Temasek Laboratories
National University of Singapore   Oct 2019 – Present

- Apply ring theory and algebraic number theory to the field of post-quantum cryptography
- Analyse and implement new attacks on lattice-based encryption systems

Intern
Temasek Laboratories
National University of Singapore   May 2019 – July 2019

- Same as above

Teaching Assistant
CS1010S (Programming Methodology)   Jan 2017 – May 2017

- Conduct tutorial sessions
- Grade assignments and provide feedback to students

Skills

- Intermediate Python
- Statistics & Mathematical Modelling
- Machine / Deep Learning
- Various mathematical areas, including
  - Discrete & Linear Optimisation
  - Numerical Linear Algebra
  - Differential Equations

Awards

- ASEAN Undergraduate Scholarship
- National University of Singapore Faculty of Science Dean's List
  - Year 3, Semesters 1 & 2