

# Han Liang Wee, Eric

+6592982927

mail@eric-han.com

eric-han.com

eric\_vader

eric-vader

## Experience National University of Singapore

- 8 Aug 18 - Curr. | *Graduate Tutor*  
Tutor for Undergraduate modules. Teach lectures, tutorials and consultations; Manage tutors and grading; Mentor new tutors; Develop grading rubrics, exam questions and module tools.
- Jul 17 | *Tutor for Intro to Programming Workshop*  
Coached freshmen on computational thinking, programming.

### Agency for Science, Technology and Research

- Dec 15 | *Research Intern – A Cloud-based Collaborative Model Building Platform*  
Contributed to a cloud based Machine Learning platform.
- May 15 - Jun 15 | *Research Intern – Autonomous Machine Learning using HPC Approaches*  
Contributed to a cloud based Machine Learning platform.
- Jan 13 - Jul 13 | *Research Intern – Route My Day (Recommendation System)*  
Contributed to a end-to-end recommender system.

## Education Doctor of Philosophy (Ph.D.) in Computer Science, National University of Singapore

- Aug 18 - Exp. 23 | *Current Cumulative Average Point (4.92/5.00); Advised by Asst. Prof. Scarlett Jonathan.*  
Research focus 'Towards Modern Gaussian Processes', which aims to tackle problems related to Gaussian Processes (GP) such as scaling and robustness.

### Bachelor of Computing (Computer Science), National University of Singapore

- Aug 13 - Jan 18 | *Graduated With Honours (Highest Distinction) in Computer Science*  
Completed the Turing Programme, which nurture students who aspire to engage research careers.

### Student Exchange, USC Viterbi School of Engineering

- Jan - May 16 | *Grade Point Average (4.0/4.0); Best student in CSCI 420.*

## Achievement Awards

- 1 Feb 22 | *Certificate of Accomplishment, National University of Singapore*  
Long Service Award; In appreciation of the 5 years of service as a Graduate Tutor.
- 21 Jun 18 | *Outstanding Undergraduate Researcher Prize 2017/18, National University of Singapore*  
Individual prize; Final Year Project - Feature Subset Selection using Reinforcement Learning.
- 29 Jan 18 | *Certificate of Merit in Algo. & Theory Focus Area, National University of Singapore*  
Awarded for meritorious performance in the focus area.
- 15 Jan 18 | *Dean's List Recipient, National University of Singapore*  
Named to Dean's List for meritorious performance in S1 AY17/18.

### Scholarships

- 25 Jul 12 | *A\*STAR Undergraduate Scholarship, Agency for Science, Technology and Research*  
Prestigious scholarship awarded to budding scientists.

## Research Peer-Reviewed Conference Publications

- Jul 22 | *Adversarial Attacks on Gaussian Process Bandits*  
**Eric Han**, Jonathan Scarlett  
 Proceedings of the 39th International Conference on Machine Learning
- Feb 21 | *High-Dimensional Bayesian Optimization via Tree-Structured Additive Models*  
**Eric Han**, Ishank Arora, Jonathan Scarlett  
 Proceedings of the 35th AAAI Conference on Artificial Intelligence

## Service Service to National University of Singapore

- 8 Apr 22 | *Admission reviewer for Master of Computing applicants (Aug 2022).*
- 29 Sept 21 | *Featured in a PhD programme marketing video.*
- 3 - 5 Aug 21 | *Program Committee for NUS Computing Research Week 2021.*  
 Moderator of the technical panel discussion titled 'Heterogeneity in Federated Learning'.
- 26 Apr 21 | *Admission reviewer for Master of Computing applicants (August 2021).*
- 18 Oct 20 | *Admission reviewer for Master of Computing applicants (Jan 2021).*

## Service to Agency for Science, Technology and Research

- Jun 19 | *Guidance to junior scholar – sharing of experiences.*
- 4 Dec 15 | *Invited Speaker for A\*STAR Scholarships Seminar for Undergraduate Studies.*
- 14 Mar 15 | *Volunteer at A\*STAR booth at NUS Open Day 2015 – Outreach and promotion.*

## Service to Impact Life Church

- Mar 18 - Curr. | *Head Of Information Technology – Lead a team of >15 volunteers.*  
 Responsible for IT infra., Purchasing, Software development of Church Applications, etc.
- Oct 17 - Curr. | *Cell Group Leader – Build strong communities and healthy Christians.*
- Jan 12 - Dec 18 | *Tutor - Teach tuition classes.*  
 GCE 'A' lvl: Math, Physics & Economics; GCE 'O' lvl: Principles of Accounting, Physics.

## Service to Jurong Pioneer Junior College

- May - Jun 15 | *Teaching and sharing on 'Computational Thinking' to junior college students.*

## Competency Computing Platforms

- > | *Programming Languages*  
 Python (also sci. pkgs., ie. SciPy), C++, Java, LaTeX, Markdown, HTML/CSS, Javascript, Bash.
- > | *Tools / Platforms*  
 Git, Mlflow, Plotly, Jira, Google Cloud Platform, Microsoft Office, Google Workspace.
- > | *Operating Systems*  
 Linux (Fedora; daily driver), \*nix administration, Windows, macOS.

## Language Proficiency

- > | *English (Native) and Chinese (Intermediate).*