

# Han Liang Wee, Eric

+6592982927

mail@eric-han.com

eric-han.com

eric\_vader

eric-vader

To: **Motional, Inc**  
3 Fusionopolis Way, #15-20 Symbiosis  
Singapore 138633

Wednesday 17<sup>th</sup> August, 2022

Dear Recruiter,

Thank you for our conversation at NUS SoC Career Fair; your recruiter advises me to send in my resume. I am Eric Han, studying for a Ph.D. in AI/Machine Learning. I am interested in an internship at Motional starting *Dec 2022*, spanning about *12 weeks*. I am graduating in *Aug 2023*.

I am wondering if you are looking for Ph.D. talent and if you have internships available for the period as mentioned earlier. I would also be curious to know more about the AI/ML projects happening in Motional, for which I can apply my skills.

Regards,  
Eric Han

## 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.

## **Church of Singapore (Bukit Timah)**

- May 16 - Aug 16 | *Software Engineering Intern*  
Designed and deployed Church Management System (CHMS).

## **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.

## **Singapore Army, Ministry of Defence**

- NSmen | *Section Commander – First Sergeant (1SG)*
- Feb 11 - Dec 12 | *Combat Engineer, Specialist Trainer*  
National Service; Managed and trained men/cadets.

## **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.
- 28 Jan 22 | *NS Excellence Award (NSEA), Singapore Army, Ministry of Defence*  
Top 10% of performers during ICT and training courses.
- 25 Oct 19 | *NS Excellence Award (NSEA), Singapore Army, Ministry of Defence*  
Top 10% of performers during ICT and training courses.
- 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.
- 9 Dec 16 | *NS Excellence Award (NSEA), Singapore Army, Ministry of Defence*  
Top 10% of performers during ICT and training courses.

### **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

### **Summer School**

- Sept 19 | *Attended The Gaussian Process Summer School, 2019*  
The University Of Sheffield, Sheffield, United Kingdom

## **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 Pioneer Junior College**

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

### **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.

## **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).*