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Department of Electrical & Computer Engineering

**ECE SCHOLARSHIP**

**APPLICATION FORM**

Instructions:

The application should be made in the following order:

* application form
* copies of academic award records (i.e. result slips for ‘A’ level and/ or detail polytechnic transcript and/or engineering course results)
* supporting documents (previous or current financial awards, scholarships or loans)
* co-curricular activities records
* copies of certificates and school testimonials

Please email scholarship application to ***Ms Elyn Yip at*** [***elynyip@nus.edu.sg***](mailto:elynyip@nus.edu.sg)

*Please zip your files if the files size are huge.*

**Application Deadline: 30 March 2020**

Incomplete and/ or late applications will not be considered.

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| **Personal Particulars** | | | |
| Name:  Hoe Jun Leong | | Home Address:  Blk 562, Choa Chu Kang St 52, #03-184, S680562  Email Address:  [hjunleon@gmail.com](mailto:hjunleon@gmail.com) | |  | | --- | |  | |
| Gender:Male | |
| Nationality:Singaporean | |
| Race:Chinese | |
| Phone Number:  (HP):81254813  (Home):67660619 | |
| NUS Student Number (starting with A) or Application Number: 18033553  Course Applied:  (e.g. Electrical Engineer or Computer Engineering)  Computer Engineering  Year of Admission:  2020 | |
| **Academic Background / Results** | | | |
| Qualifications:  (e.g. A-Levels or Polytechnic Diploma)  A-Levels  Name of previous school:  Anderson Junior College  CCA points:  NA | For A-level Holders:  ‘A’ level results obtained in year \_2017\_\_\_\_  List down your ‘A’ level grades:  H2 Physics: A  H2 Chemistry: A  H2 Math: A  H1 Econs: C  H1 General Paper: E  H1 Chinese: D  H1 Project Work: B  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  For Polytechnic graduates:  Name of Diploma:  Year of Completion:  Cumulative GPA: | | |
| **Other Information** | | | |
| (a) Are you currently holding any scholarship/awards? If yes, please furnish details:   |  |  |  | | --- | --- | --- | | **Name of Scholarship/Award** | **Amount ($)** | **Name of Organization awarding the Scholarship/award** | |  |  |  | |  |  |  | |  |  |  | | | | |
| (b) Any other information to support your application (e.g. participated in any competitions, activities contributing to the society).  I attained Bronze award for Singapore Chemistry Olympiad in 2016 and received Gold award for the 14th Elementz Science Research Competition in 2017 for researching and evaluating the effectiveness of pHash in querying similar videos. That research prompted me to further self-learn programming and computer science concepts till this day.  During my National Service(NS), I was involved in creating applications for several Army units and did a couple of self-initiated and hackathon projects. During my official work, I’ve learnt how to create a full-stack system using Java (and Netbeans (backend server)) and several front-end libraries such as Jquery, Bootstrap and DataTable and accommodating to client requests, while I learnt about the Jpeg algorithms and Steganography methods (among others) in my free time. At AngelHack 2018 (hackathon), I also learnt how to tackle big data using Python to perform feature engineering and machine learning.  Currently, I’m an intern at CSIT carrying out R&D in malware analysis, where I’m applying the skills I’ve honed and learning a lot more from equally passionate peers and mentors. There’s lots of value in coming together to brainstorm on how to tackle technical issues, multiple algorithms to tackle the same situation, ideas to pitch for competitions, etc..  While I am used to self-learning from online courses and guides, my experiences during National Service and hackathons have taught me that we should learn from each other as peers bring unique perspectives and approaches to the table with a variety of skill sets to tap on. Hence learning from and accumulating collective wisdom are invaluable to a community of prospective engineers by knowing how to avoid certain mistakes already made by others. For instance, my office did not know how to debug many styling issues as the main framework was rather limited. I figured out a method using a browser inspector to target specific front-end components directly instead of through the framework and shared it with my colleagues. This resulted in our team having more respite time as our programming teams could fulfil client requests faster, especially for user interface ones.  I aspire to be an outstanding individual and leader that adds tremendous value to society. I see this scholarship as an invaluable opportunity to put me in a better stride in pursuing this dream at NUS. | | | |
| **Extra-Curricular Activities** | | | |
| |  |  |  |  | | --- | --- | --- | --- | | **Name of Society Club/ Sport** | **Position Held /**  **Level of Participation** | **Period Served** | **Competitions/ Awards** | | Project Eureka(science research club) | Member | 2016-2017 | Gold | | Boys Brigade | Company Sergeant Major | 2014-2015 |  | |  |  |  |  | |  |  |  |  | | | | |

I declare that the above information is true and correct.

 (e-signature)

Name: Hoe Jun Leong

Date: 12/3/2020

By submitting the form, consent is hereby given to NUS under the Personal Data Protection Act 2012 and according to the [Personal Data Protection Notice](http://enterprise.nus.edu.sg/personal-data-protection-notice) which I have read.