

# LIM SHAO KIAT

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## EDUCATION

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**National University of Singapore**

**Aug 2019 - May 2023**

**Bachelor of Computing in Computer Science**

- Cumulative Average Points: 4.17/5.00
- Awarded Singapore-Industry Full-Term Scholarship
- Participant of NUS Hackathon Hack'n'Roll 2020

**TEMASEK JUNIOR COLLEGE**

**Jan 2015 - Dec 2016**

**A Level**

- 4H2 Distinctions

## TECHNICAL SKILLS

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- Programming Languages: Python | ReactJS | Java
- Database: SQL/PostgreSQL | Non-SQL/MongoDB
- Machine Learning: Scikit-learn | Tensorflow
- Backend
- Operating Systems
- Network Protocols
- Algorithms

## WORK EXPERIENCE

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**Data Science Intern, Micron Semiconductor Asia, Singapore**

**May 2021 - Jul 2021**

- Aided in increasing yield of wafer production to 92% using Machine Learning and Gaussian Principles
- Headed a data science web application project by integrating existing algorithms into usable interface for relevant departments
- Automated manual data science processing and reduced processing time from 2 days to 30mins

**Operations Team Member, Singapore Exchange, Singapore**

**Mar 2019 - Apr 2019**

- Aided in account opening, updating, and processing customer requests, conducting AML screening of customers
- Conducted physical shares scripts verification with the SGX Team in respective bank vaults

## PROJECT EXPERIENCE

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**Backend Developer, RHAPP**

**Aug 2021 - Present**

- RHAPP is a Raffles Hall Progressive Web Application for facilities booking, supper ordering, shared calendar, and user feed.
- Directed implementation of backend capabilities for supper ordering feature during Summer 2021.

**Software Developer, GradPad****Aug 2020 - Dec 2020**

- GradPad is a one-stop solution to module management for Computer Science Undergraduates at NUS.
- Collaborated as a team of 5 to develop a Java GUI with efficient module planning capabilities.

**CO-CURRICULAR ACTIVITIES**

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**Senior Student Developer, Raffles Hall DEVS****Aug 2020 - Present**

- Implemented backend capabilities for Hall-wide web application project
- Maintained Raffles Hall backend server for web application projects

**Vice-Captain, Raffles Hall Tennis****Aug 2020 - May 2021**

- Organized team bonding activities through internal competitions
- Led Extensive Training Sessions for Team

**Executive Committee, Outdoor Adventure Club****Jan 2015 - Nov 2016**

- Led a team of 5 in organizing School-wide Physical Fitness Competition
- Oversaw outdoor leadership camps and took charge of outdoor cooking
- Arranged 2-weeks overseas adventure to Sydney with team

**Executive Committee, Scouts****Jan 2012 - Nov 2014**

- Oversaw patrol members leadership and survival skills development

**ADDITIONAL INFORMATION**

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- Overseas Community Involvement Program in Yunnan
- Nov 2012 - Nov 2012
- Generated ideas to improve wellbeing of students in Yunnan
- Raised the Proficiency of English for local students with poorer backgrounds