LIM SHAO KIAT

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EDUCATION

National University of Singapore   **Aug 2019 – Present**
Bachelor of Computing in Computer Science   *(Graduating May 2023)*
- Cumulative Average Points: 4.2/5.00
- Participant of NUS Hackathon Hack'n'Roll 2020

TECHNICAL SKILLS

- **Programming:** JavaScript, Python, Java, SQL, NoSQL
- **Frontend:** ReactJS, NextJS, TailwindCSS, HTML
- **Backend:** NodeJS, Python, MongoDB, PostgresSQL
- **Others:** GraphQL, Apollo, Machine Learning, Solidity, AWS

WORK EXPERIENCE

Software Engineer, Contranect, Singapore   **Dec 2021 - Present**
- Contranect is a local start-up that aims to serve as bridge between contractors in Singapore's construction landscape.
- Implemented real-time chat system from ground up, which is a critical part of the main product, using Apollo GraphQL and ReactJS.
- Handling deployment, continuous integration, and continuous delivery for the web application using amazon web services, boosting development speed.

Data Science Intern, Micron Semiconductor Asia, Singapore   **May 2021 - Jul 2021**
- Aided in increasing the yield of wafer production to 86% using Machine Learning and Gaussian Principles, reducing cost of production by an exponential amount.
- Developed a data science web application by integrating existing algorithms into usable interface which resulted in >50% of engineers having access to it.
- Conducted linear and non-linear regression models to map the correction offset of manufacturing defects in the wafers, with the intention of raising production yield.

PROJECT EXPERIENCE

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.

CO-CURRICULAR ACTIVITIES

Senior Student Developer, Raffles Hall DEVS   **Aug 2020 - Present**
- Directed key backend implementation for RHAPP project, leading to successful launch at the end of summer vacation 2021
- Led a team of 3 junior student software developers in an inter-hall hackathon, successfully displaying innovative solutions and technical capabilities.

Executive Committee, Outdoor Adventure Club   **Jan 2015 - Nov 2016**
- Led a team of 5 in organizing School-wide Physical Fitness Competition with 120 participants and liaised with external vendors resulting in a successful event
- Organized 2 outdoor leadership camps with more than 20 participants at Pulau Ubin, taking charge of logistics to ensure smooth operations.