

# Raveen Prabhu

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## EDUCATION

### National University of Singapore (NUS)

Aug 2020 – Apr 2024

Bachelor of Computing (Honours) In Computer Science

- Minor in Entrepreneurship
- Relevant course work: Programming Methodology, Data Structures and Algorithms, Software Engineering, Database Systems, Computer Networks, Machine Learning, Interaction Design (UI/UX), Unix & Linux

## WORK EXPERIENCE

### Eye-Share Singapore Pte Ltd, Technology Consultant Intern

Aug 2022 - Present

- Worked with the Regional Manager to establish a strong customer base in Singapore
- Reached out to and understood the needs and requirements of the customers and provide them with the technical solution that will suite them best
- Worked together with the software engineers in Norway to custom build integrations and solutions for the clients

### AUTOLIFETECH PTE LTD, Software Engineering Intern

Apr 2022 – Jul 2022

- Programmed a dashboard for Home Owners to control all their IoT appliances through a seamless interface
- Optimized IoT devices and Computer Networking protocols to automate Homes and Offices in 5 Condominiums and 2 Co-Working Spaces within 2 months
- Designed custom 'Interactive Floorplans' giving clients a visual status of their appliance and other automations
- Researched and developed user stories to help improve the dashboard and floorplan based clients' needs
- Pitched the dashboard and interactive floorplan to over 10 interior designers and potential investors

### Learna Systems Pte Ltd, Front-End Development Intern (Part Time)

Jan 2022 – Apr 2022

- Implemented React Native, Node, HTML and CSS to revamp UI/UX of the app to make it more user friendly for users in 5 pre-schools with over 100 pre-schoolers
- Maintained several core features and graphics under the direction of the Product Team Manager
- Utilize Agile methodology with a team of 8 to test application and receive design requirements

## SELECTED PROJECTS

### HabiTouch | Flutter, Firebase | <https://github.com/itsraveen/hack-for-good>

Mar 2022 – Mar 2022

- Built a centralised platform for non-profit organisations to promote projects & for volunteers to connect and donate
- Google Developers' Students Club, Hack for Good Finalist (24h Hackathon)

### AI Fresco | Python, Selenium | <https://github.com/itsraveen/AI-Fresco>

Jan 2022 – Jan 2022

- A Python Telegram Bot rating places to visit by scraping reviews using selenium and NLTK for sentiment analysis

### tApp | Java, JavaFx | <https://ay2122s1-cs2103-w14-4.github.io/tp>

Oct 2021 - Nov 2021

- Built a Teaching Assistant contact address book manager using Java (GUI using JavaFx), keeping track of student and lesson details
- Formulated several user stories & implemented multiple iterations, following Software Development Life Cycle
- Implemented unit-testing with Junit as well as integration testing
- Implemented both automatic and manual testing for every iteration of the Project

### HOwGO | Flutter, Dart, Firebase, SQLite | <https://itsraveen.github.io/ip/>

May 2021 - Aug 2021

- Developed a mobile application using Flutter to facilitate ease of navigation across NUS campus using street view

## LEADERSHIP EXPERIENCES

### NUS Students' Computing Club, President

Aug 2021 – Present

- Led a team of 200 members in organising 40 over events for students of NUS School of Computing
- Oversaw and supported student life in NUS School of Computing, to ensure well-being of over 4500 students
- Built and maintained a cordial relationship with professors, the staffs, students and the Dean's Office
- Pushed for changes within NUS to address the concerns of the NUS students

### NUS Students' Computing Club, Director of Freshmen Orientation Projects

Aug 2020 - Aug 2021

- Oversaw planning of 6 large scale orientation events for the Freshmen, each targeting about 300 students
- Guided Project Directors in conducting 6 events while adapting to the ever changing COVID-19 restrictions

## SKILLS SUMMARY

- Proficient in Java, Python, JavaScript, C, HTML, CSS, NodeJS, Dart, Flutter, Firebase, PostgreSQL, MongoDB, React Native, Figma
- Hackathons: Google Solution Challenge 2022, DSC Hack For Good (Finalist), NUS Data Analytics Competition 2022, Hack & Roll 2022, LifeHack 2022