

LEE WEI HAO JONATHAN

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EDUCATION

National University of Singapore (NUS)

Aug 2017 - Dec 2021

Bachelor of Computing in Computer Science (Honours)

- Focus Area: Software Engineering (Distinction)

SKILLS

- Programming Languages: JavaScript, Java, Python, SQL and C
- Technical: Familiar with Node.js, React.js, Excel Macros, Microsoft Office
- Languages: English and Mandarin.
- Interests: Learning new skills and building upon existing skills through online courses.

WORK EXPERIENCE

Teaching Assistant, National University of Singapore (NUS), Singapore

Jan 2021 - Apr 2021

- Crafted project specification and base source code for students to build upon and to enable students to apply software testing techniques learnt such as test driven development.
- Reviewed and graded 25 team projects to ensure well tested with JUnit, provided comments on bugs identified and how teams can improve testing of applications.

Project Management Intern, Singapore Airlines, Singapore

Jun 2020 - Oct 2020

- Automated authorisation matrix generation and analysis of system data to identify outliers using Excel Formulas and Macros, decreasing testing time required and project rollout.
- Conducted User Acceptance Testing (UAT) training for testers to ensure UAT is smoothly carried out.

PROJECTS

[SoftwareRepository](#), React.js and Node.js Personal Project

Aug 2020 - Present

- Developed a CRUD full stack web application with the frontend based on React.js and backend REST API service based on Node.js to allow for query and submission of software information.
- Integrated with Firebase Authentication for authentication service and adopted GitHub Actions and Docker for continuous integration and continuous deployment.

Project Team Member

Aug 2019 - Nov 2019

- Constructed send mail notification REST API endpoint using Spring Boot framework and through utilisation of Java enterprise edition's JavaMail Library to improve web application usability for users and reusability for future developers.
- Enhanced sharing of visualisation and statistics capabilities by adding send generated report in Portable Document Format (PDF) via email functionality, delivering more sharing options hence, greater user experience.

Team Lead

Jan 2019 - Apr 2019

- Led a team of 4 to morph an address book application written in Java to an inventory management system aim to solve real world medicine inventory management problems.
- Built filename validation support to meet Microsoft Windows and unix systems standards and implemented export inventory to comma separated value file support, allowing increased portability and reusability.

CO-CURRICULAR ACTIVITIES

Member, Service Learning Club, Meridian Junior College

Jan 2013 - Dec 2014

- Coached underprivileged primary school students at Pasir Ris Family Service Centre weekly on subjects ranging from Mathematics to English.