SHAWN LEE SHI JIE

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EDUCATION

School of Computing, National University of Singapore (NUS)   **Aug 2018 - Present**
- Bachelor of Computing in Computer Science (Expected graduation in 2022)
- Holder of NUS Merit Scholarship
- Relevant modules taken: Programming Methodology I & II, Discrete Structures, Data Structures and Algorithms, Software Engineering, Effective Communication for Computing Professionals, Introduction to Computer Security

Raffles Institution (Junior College)   **Jan 2014 - Dec 2015**
- 11 academic units GCE 'A' levels
- Raffles Diploma: Merit in Character & Leadership, Community & Citizenship, Sports & Health

INTERNSHIP EXPERIENCE

Technology & Operations, DBS   **Jun 2020 - Jul 2020**
- Developed and integrated RESTful APIs using ReactJS, Node.js and MongoDB for performance monitoring of Collaborative Work Services used in the company
- Integrated TinyMCE WYSIWYG HTML Editor onto React front-end to allow users to edit content on the live site
- Integrated SonarQube and NexusIQ into Jenkins pipelines to provide static analysis for project deployments

Full Stack Web Developer, Clickr Media   **Oct 2019 - Jan 2020**
- Developed a project management site using WordPress, PHP, SQL & Teamwork Projects API to improve project billing in the company amounting to thousands of dollars in revenue
- Implemented DBS supplier portal using HTML, CSS & JavaScript based on AdobeXD design provided by DBS
- Assisted in website maintenance involving HTML, CSS & JavaScript for clients such as DBS and DHL

SOFTWARE PROJECTS

NUS CS2103T Software Engineering, **Athletick** (15 KLoC)   **Sep 2019 – Nov 2019**
- Developed a JavaFX team management desktop application for coaches and team captains of timing-based performance sports using Java and incorporating TestFX, Gradle and Travis
- Prepared professional technical documentation such as User and Developer Guides
- Pitched and gave product demo for final product, receiving an A grade overall
- [Source Code] [Personal Project Portfolio] [Pitch & Product Demo Slides]

NUS CP2106 Independent Software Development Project, **PayWhere** (8 KLoC)   **Jun 2019 – Sep 2019**
- Developed an Android mobile application using Java, incorporating web-scraping written in Python
- Awarded Apollo 11, which is the highest level of achievement in this module for displaying strong evidence of project management, user testing and source code control
- [Source Code & Project Video] [Google Play Store]

MILITARY EXPERIENCE

Officer of Singapore Armed Forces in Basic Military Training Centre (BMTC)   **Dec 2016 - Dec 2017**
- Awarded BMTC Commander Coin in recognition of exceptional performance during Infantry 60, which is a 60km march involving high ranking officials up to the Chief of Infantry
- Spearheaded conduct of Games Day for over 600 recruits
- Voluntarily extended service by 2 months to complete the BMT cohort with recruits

LEADERSHIP EXPERIENCE & EXTRA-CURRICULAR ACTIVITIES

National University of Singapore, **Vice-Captain of Men's Varsity Water Polo Team**   **Jun 2019 - May 2020**
- Accomplishments: led team to 1st place in NYSI IHL Water Polo League 2019 and SUNIG 2019

COMMUNITY INVOLVEMENT PROGRAMMES

AMKFSC Community Services, **Punggol Family Service Centre Project Leader**   **Mar 2019 - Jan 2020**
- Spearheaded the planning and execution of weekly cooking activities that fostered social inclusion of the Merdeka generation

SKILLS AND INTERESTS

Programming Languages	Java, Python, HTML, CSS, JavaScript, PHP, SQL
Software Tools/Frameworks	React, NodeJS, MongoDB, WordPress, Git, GitHub, BitBucket, SourceTree
Languages	Effectively bilingual in English and Chinese
Interests	Fitness enthusiast, computer gaming, watching football