

# 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 with 5 distinctions
- 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**

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, C, SQL

### Software Tools

WordPress, Git, GitHub, BitBucket, SourceTree

### Languages

Effectively bilingual in English and Chinese

### Interests

Fitness enthusiast, computer gaming, watching football