

SHAWN LEE SHI JIE

Mobile: +65 8126 7220

Website: shawnlsj97.github.io

Email: shawnlsj97@gmail.com

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, 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

Amazon Clone

Dec 2020 – Jan 2021

- Developed a web application clone of Amazon which supports user authentication, checkout and payment via Stripe, using React, with a Firebase back-end
- [\[Project Portfolio\]](#)

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 as a platoon commander

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 execution of cooking activities that fostered social inclusion of the Merdeka generation

SKILLS AND INTERESTS

Programming Languages

Java, Python, C++, HTML, CSS, JavaScript, PHP, SQL

Software Tools/Frameworks

React, NodeJS, MongoDB, WordPress, Git, GitHub, BitBucket, SourceTree

Interests

Fitness enthusiast, computer gaming, watching football