Koh Rui Jie
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https://github.com/rjkoh
https://rjkoh.github.io/Portfolio/

Summary

Result-driven Computer Science student skilled in Java and JavaScript (React Native) and adept at working in teams. Seeking Software Engineering internship to allow me to continue learning and developing as a computer scientist alongside highly capable individuals. Current Year 2 Student, with double degree in Business Administration at NUS, expected to graduate in May 2025.

Skills and Software Competencies

- Frontend: HTML, JavaScript, Tailwind, React, JavaFX
- Backend: Java, NodeJS, Python, C++
- Database: Firebase Firecloud
- Full-stack software engineering
- Documentation – Deverloper and User Guide, UML

- Testing, debugging and problem-solving (JUnit, Gradle)
- Project management & Version Control (Git)
- Leadership and decision making
- Fluent in English and Mandarin (written and spoken)

Professional Achievements (see Github for more information)

Orbital 2022

- 3-month NUS Summer module involving a self-initiated pair-wise software engineering project
- Successfully built a facilities booking mobile app from scratch using React Native, NodeJS, Firebase and Firecloud
- Implemented extended features such as integration to external apps (Calendar app)
- Learnt and applied Version Control (Git), CI/CD (GitHub Actions), project management (GitHub Projects) and Testing (React Native Test Library)

ConnectNUS Team Project

- Brownfield team project in Java to aid collaboration for modules in NUS, from a simple address book application
- Led team in software engineering, from project conceptualization to product release, collaborating through Git and GitHub
- Demonstrated testing, debugging and problem-solving ability using JUnit tests, Gradle and CodeCov for coverage.
- Worked with documentation of User and Developer Guide through Jekyll, with UML diagrams for design decisions

Experience

Admin and Operations Intern (Facilities Management)   Mar 2021 – Jul 2021
Gleneagles Medical Centre

- Liasing with vendors and customers through phone and email
- Ad-hoc support such as taking minutes, MS Office troubleshooting
- Managed projects such as renovations, involving meeting arrangements, planning and liasing

Battery Commander, Artillery Officer   Apr 2019 – Feb 2021
Singapore Armed Forces, 23rd Singapore Artillery

- Awarded top 30% in Officer Cadet School
- Commanded a company of 100 men and served as bridge between Regular officers and NSF company
- Planned a battalion-wide anniversary activity involving almost 500 people

Education and Qualifications

National University of Singapore   Aug 2021 – Present

- Bachelor of Computing in Computer Science, Bachelor of Business Administration
- Double Degree Program, 4.88 CAP
- NUS Global Merit Scholar

Dunman High School   Jan 2013 – Dec 2018

- 7 Distinctions in GCE A Levels

Co-Curricular Activities and Interests

NUS Computing Club, Sponsorship Director under Academic Liaison   Sep 2022 – Present

- Sponsorship head of Academic Liaison in NUS Computing Club, for all academic events.
- Pitched School of Computing academic events such as Career Fair to obtain sponsorships.

Dunman High Student Council, Vice-President   Feb 2017 – Jun 2018

- Spearheaded planning of school-wide events such as Orientation and Council Elections involving up to 2000 people
- Led committees of up to 100 different students from different leadership cells in planning and executing Council Projects
- Served as a communication bridge between student body and School Management Committee by addressing student body's concern on behalf of the School Leaders in the 2017 Dialogue Session
- Involved in proposal drafting, email writing, liaising with vendors, budgeting and allocating projects and tasks to others with tight deadlines

Track and Field, Sprinter   Jan 2013 – Present

Dunman High Ultimate Frisbee, Member   Dec 2016 – Jun 2018