SIM RUIBIN

Mobile: 83388705 • Email: e0540214@u.nus.edu
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Internship Availability: 09/05/2022 – 21/10/2022
Self-driven business analytics student seeking internship opportunities in software engineering. Keen in honing programming and analytical skills; eager to learn new skills to contribute to an organization's technological needs

EDUCATION

National University of Singapore   **Aug 2020 - Present**

- Bachelor of Science (Business Analytics), Honours
- Expected Date of Graduation: May 2024
- Current CAP: 4.45

Relevant Modules
- BT2102 – Data Management and Visualization
- CS2030 – Programming Methodology II
- CS2040 – Data Structures and Algorithms
- CS2105 – Introduction to Computer Networks (In Progress)

Raffles Junior College   **Jan 2016 - Dec 2017**

WORK EXPERIENCES

Singapore Armed Forces, Military Police Specialist   **Dec 2018 - May 2020**
- Conducted on job training and orientation for new specialists and troopers on air base security daily operations
- Collaborated with DSTA and led a team to operate drone catching technology to defend Singapore's airspace during Singapore Air Show
- Developed a system to increase efficiency in duty rostering using Microsoft Excel
- Examined logbook records to ensure no errors were present in preparation for Air Force Annual Audit

SIDE PROJECTS

Orbital (Apollo 11)
- Collaborated with a partner to develop a fitness mobile application with React Native that enables users to log their workout progress, upload workouts for each other, as well as keep track of each other's progress
- Implemented the backend using Firebase
- Performed unit testing using Jest and React Native Testing Library to test whether application snapshots are rendered correctly, and whether functional components were working as intended
- Link to project report: https://docs.google.com/document/d/1NG7V4MuyMoPu79OGVTGh3f32QJ7f4nFm/edit

Data Analysis Project
- Developed programmes to automate the extraction and analysis of crucial financial data for Orient Futures using Python (pandas), reducing manual work for the finance team

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TECHNICAL SKILLS

- **Software Engineering Skills:**
  - Proficient in programming languages (Python, Java, JavaScript, R, SQL)
  - Proficient in version control (Git, GitHub)
  - Proficient in frontend frameworks (React Native, React)
  - Proficient in backend frameworks (Firebase, Express)

EXTRA-CURRICULAR ACTIVITIES

Raffles Junior College, Football   **Jan 2016 - Dec 2017**

- Achieved fourth place in the 2016 'A' Division National Football Championships

ADDITIONAL INFORMATION

- **Languages:** Fluent in English and Chinese (both spoken and written)
- **Interests:** Olympic Weightlifting, Gaming