Alexander Tan Jun An

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EDUCATION

National University of Singapore   **Aug 2019 – Present**
Internship Availability: May 2022 – Dec 2022

Bachelor of Engineering (Computer Engineering)
- Expected Date of Graduation: April 2023

Relevant coursework/modules taken
- CG1111 - Engineering Principles and Practice 1
- EE2026 - Digital Design
- CS1010 - Programming Methodology
- CS2040C - Data Structures and Algorithms
- CP2106 - Independent Software Development Project
- CS2113T - Software Engineering and Object-Oriented Programming

Nanyang Junior College
GCE 'A' Levels
- 81.25 RP
- 2 H2 Distinctions

Skills
- C Programming
- C++ Programming
- Java Programming
- Verilog VHDL
- HTML, CSS & JS
- Experience with Raspberry Pi, Arduino Uno

WORK AND INTERNSHIP EXPERIENCES

Continental Automotive Singapore, Intern   **May 2021 – Dec 2021**
- Setup programming tools and scripts to test equipment and environment.
- Developed and introduce automated tests into existing projects.
- Integrated codebase from customer to in-house software.

Shangri-La Hotel Singapore, Waiter   **Mar 2017 - May 2017**
- Coordinated and compiled information between kitchen and customers.
- Addressed problems customers faced.
- Oversaw and scheduled time of serving to ensure smooth flow of events.

RELEVANT EXPERIENCES

Orbital (Independent Software Development Project) – NUSCrowdTrackr
- Worked on a crowd tracking software for facilities around NUS.
- Achieved Apollo 11 (advanced) standard, determined to have demonstrated awareness of basics in software engineering, testing and documentation.
- Provided detailed and useful evaluations of peers undertaking similar software projects.
- Picked up relevant software development skills and knowledge like RESTful API and data scraping.
- Developed both front and back-end of project with large focus on website for student's usage.

CO-CURRICULAR ACTIVITIES AND VOLUNTEER EXPERIENCES

Bash, Project Director   **Aug 2019 - Present**
- Volunteered in event.
- Directed a committee of 23 members.
- Studied under mentorship of previous Project Director.
- Approved and provided feedback on contribution of committee members.
- Corresponded information between various hall leaders and committee members.

Hall Promotion Board, Head of Programs   **Aug 2019 - Present**
- Volunteered to formulate programs and corresponding proposals.
- Collaborated with project directors and consolidated feedback to further develop ideas.
- Led the discussion with other members to generate new ideas to integrate 150 new members.

ADDITIONAL INFORMATION

- **Languages:** First language in English, proficient in Mandarin
- **IT Skills:** Competent at Word, Excel and PowerPoint
- **Interests:** Travelling, Exploring, Random facts or knowledge, Fitness