

# NG JING XUE

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## EDUCATION

**National University of Singapore (NUS)**  
**Bachelor of Computing (Computer Science)**

**Aug 2021 - Present**

- Current Year: Year 4
- Current CGPA: 4.66/5.00 (as of Year 3 Semester 2)

## TECHNICAL SKILLS

- Programming Languages: Java, Python, Javascript, C, SQL
- Software Libraries/Frameworks: React, Next.js
- Miscellaneous: Git, Tailwind

## WORK EXPERIENCE

**Software Engineer Intern, Nas Company**

**June 2024 - Present**

- Implemented core frontend features for Nas.io, a community building platform, using Next.js to significantly enhance user experience.
- Integrated PostHog with Next.js to systematically collect and analyze web performance metrics, including network performance and core web vitals, delivering key insights for improving SEO.

**Software Developer Intern, Aastar Trading Pte Ltd**

**May 2023 - Nov 2023**

- Automated business processes such as compiling and generating accounting reports, enhancing operational efficiency and minimizing human error.
- Streamlined critical business procedures by introducing Quality-of-Life features to the company's business portal in React and C# as well as ad-hoc bug fixes.
- Successfully migrated a vital and complex business procedure from the legacy business portal to the new one, resulting in remarkable performance boosts and significantly reducing manual labour.

## PROJECTS

**Photoasis (Personal Project)**

**Nov 2023 - Present**

- Developed an online photo gallery platform with Next.js allowing photographers to upload photos alongside EXIF data.

**Odo.t (Personal Project)**

**Aug 2022 - Dec 2022**

- Created an online Todo-list capable of automatically adding new tasks to the list based on a pre-set time interval with Typescript and Firebase.

**TA-Assist (Software Engineering module, CS2103T)**

**Aug 2022 - Nov 2022**

- Developed a GUI with Java which helps Teaching Assistants in NUS keep track of students' grades, attendance, and work submission using CLI commands.
- Created Unit and Integration Tests with JUnit, achieving more than 70% test coverage.

**Frenergy (NUS Orbital, CP2106)**

**May 2022 - Aug 2022**

- Developed an online forum for NUS students using React and Firebase, facilitating online discussions and group formation.
- Completed the "Apollo 11" Level of Achievement (Advanced level).

## ADDITIONAL INFORMATION

- Fluent in English and Mandarin (both spoken and written).