

# DONOVAN LEE JUN HAO

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GitHub: <https://github.com/24Donovan24>

## EDUCATION

### National University of Singapore (NUS)

Aug 2021 - May 2025

#### Bachelor of Computing in Computer Science

- Year 3 undergraduate with a Cumulative CAP of 4.57 / 5.0
- Relevant Coursework: Programming Methodology | Discrete Structures | Data Structures and Algorithms | Computer Organisation | Software Engineering | Introduction to Computer Networks | Database Systems | Introduction to AI and Machine Learning

## EXPERIENCE

### Inland Revenue Authority of Singapore (IRAS), Software Engineer Intern

May 2023 - Oct 2023

- Contributed to a feature enabling the dissemination of user notifications in PDF format using .NET Core, alongside Adobe Experience Manager (AEM)
- Conducted comprehensive frontend and backend unit testing, including API validation, to ensure the seamless functionality of user interfaces and APIs using Jasmine, XUnit, and Postman
- Established a well-structured database schema, crucial for the team's API implementation through Entity Framework Core
- Implemented User Interface (UI) screen using Angular as per Figma requirements
- Configured frontend mock servers to facilitate team's frontend local testing process

### National University of Singapore, Teaching Assistant

Jan 2023 - May 2023

- Tutored 16 students on the module CS2100 (Computer Organisation)
- Prepared course materials and graded assignments

### Checked, Frontend Developer Intern

May 2022 - Jul 2022

- Developed various screens using React and styled with Bootstrap
- Fixed bugs and improved user experience

## SKILLS

**Languages:** Java, JavaScript, Python, C, C#, HTML, CSS, SQL

**Libraries, Frameworks, and Tools:** Git, GitHub, .NET Core, EF Core, Node.js, React.js, Angular, Express, NumPy, PyTorch, JavaFX, JUnit, XUnit, Postman, Swagger, Azure DevOps, Docker

## PROJECT

### Gim

Aug 2022 - Oct 2022

- A Java application created for managing and tracking gym exercises

### Task Tracker

Aug 2022 - Oct 2022

- A desktop to-do list manager built with JavaFX and tested with JUnit

### IGoGreen

Jul 2022 - Jul 2022

- A React-based web app that encourages recycling by offering a user-friendly recycling tracker

### ToDo List

Jun 2022 - Jul 2022

- A Todo list web application built using PostgreSQL, Express, React and Node (PERN)
- Authentication feature built using JSON Web Token (JWT) and bcrypt

## COURSES

### The Odin Project

- Covered foundations of HTML and CSS in web development

## LEADERSHIP EXPERIENCE

### Singapore Armed Forces, NS Company Sergeant Major

Feb 2021 - Present

- Leading and managing a company size of over 100 soldiers in the next 10 years of Operationally Ready National Service (ORNS)