

Ong Pei Cong Lester

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Singapore

EDUCATION

National University of Singapore

Aug 2021 – May 2025

Bachelor of Computing in Computer Science, minor in interactive media development

Singapore

- GPA: 4.53 / 5.0

WORK EXPERIENCE

NUS City Syntax Lab

May 2023 – Present

Software Developer Intern

Singapore

- Responsible for designing and developing a web 3D digital twin platform integrating various types of 3D models and simulations on buildings using React, Astro and CesiumJS.

Success IT Consultancy

Sep 2023 – Mar 2024

Software Engineer Intern

Singapore

- Worked with product managers and engineers to enhance Auto Hire Purchase System, a cloud-based web application utilised by over 20 companies in the automotive industry.
- Integrated features in the application with Angular and TypeScript for the front-end and C# for the back-end.

Keysight Technologies

May 2023 – Aug 2023

Software Engineer Intern

Singapore

- Implemented new features in the Vulnerability Management Tool within the Product Security Team using Django, Python and Bootstrap.
- Containerised the Vulnerability Management Tool utilising Docker and Docker Compose.
- Delivered documentation for the Vulnerability Management Tool to speed up developer setup process.

Dine Inn

Mar 2021 – Jul 2021

UI/UX Intern

Singapore

- Led redesign of Dine Inn's e-commerce platform to improve user experience and increase conversion rates.
- Designed high-fidelity mock ups on Figma for Dine Inn Driver's platform.
- Collaborated closely with development team to ensure a smooth hand-off process.

PROJECTS

NUS Digital Twin | CesiumJS, Astro, React, SCSS

Dec 2023 - Present

- Developed a 3D interactive map of the National University of Singapore campus using CesiumJS, showcasing key buildings with detailed models.

CivicTechLab.org | Astro, TypeScript, Bootstrap, TinaCMS

Jan 2024 - Feb 2024

- Crafted a static website leveraging Astro, TypeScript and Bootstrap, integrated with TinaCMS for intuitive content updates for non-technical users and GitHub pages for automated deployment.

MarkBind | Vue, TypeScript, CSS

Jun 2023 - Aug 2023

- Contributed feature enhancements and bug fixes to MarkBind, an open-source tool to generate static websites from Markdown using Vue and TypeScript.

NUScheduler | Java, JavaFX

Sep 2022 – Nov 2022

- Collaborated in a team of 5 to develop a desktop application to handle contacts and events based on Java and JavaFX.
- Contributed to code reviews within the team, offering valuable insights in enhancing code quality.

Taskority | TypeScript, React, Ruby on Rails, TailwindCSS

Dec 2021 – Jan 2022

- Designed and developed a full-stack to-do application for users to keep track of tasks.
- Built front-end with React and back-end with Ruby on Rails and Devise for user authentication.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, SQL, HTML, CSS
- **Frameworks:** React, Angular, Next.js, Django, Astro, TailwindCSS, Bootstrap
- **Developer Tools:** Git, Docker
- **Design:** Figma