

# Wong Qin Liang

+65 9001 7883 • wongqinliang@gmail.com • <https://github.com/Tomashiwa>

<https://www.linkedin.com/in/wongqinliang/>

## SKILLS

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- **Languages:** Typescript, Javascript, HTML, CSS, Java, C++
- **Frameworks/Libraries:** React.js, Next.js, Material UI, Framer Motion, Cypress, Percy, Storybook
- **AWS:** Cognito, AppSync, S3

## WORK AND INTERNSHIP EXPERIENCES

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### Kickoff by Zuju

Jul 2022 to Present

#### Frontend Developer

- Engineered highly performant, user friendly features for web applications that were used by a total of 150,000 users, using **Next.js, JS, HTML** and **CSS**
- Integrated **AWS services** to provide real-time player against player gameplay through match predictions
- Provided metrics and insights to teams by integrating 3rd party tools such as **Segment, Datadog, Hotjar** and **Mixpanel**
- Collaborated with key stakeholders to analyze UI/UX designs, develop requirements and design solutions

### TOKIGAMES

May 2021 to Aug 2021

#### Frontend Developer (Intern)

- Developed robust and efficient frontend code for web-applications using **React.js, Node.js, HTML** and **CSS**, ensuring seamless user experience
- Contributed to the creation and upkeep of **Cypress** test suite (70% coverage), ensuring the product's stability and performance in production
- Proactively introduced and standardized a theme-based **CSS** workflow to promote code consistency
- Led the effort to transition the company's web applications to be more mobile friendly

### SKY Optimum Technology

Nov 2016 to Jun 2017

#### Junior Developer (Intern)

- Co-developed features for flagship **Unreal** and **Unity** applications using **C++**, **C#**, and **HTC Vive**
- Eliminated performance bottlenecks in flagship product via **C++**, increasing its performance by 30%.
- Designed and implemented **Unreal** plugins via **C++** to speed up workflow, reducing bootup time from 30 minutes to trivial few minutes.
- Spearheaded the exploration into other VR/AR platforms like **HoloLens** and **Oculus Rift**

## PROJECT EXPERIENCES

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### PeerWatch

Oct 2021 to Nov 2021

- Led a **scrum** team to develop a web application where users can watch YouTube in a parallel manner
- Built a **ReactJS** frontend that is responsive, ensuring the best user experience on different devices
- Designed and developed a backend feature for synchronizing video playback and providing live chat using **Socket.io, Redis**, and **Lua**

### Cheato

May 2020 to Sep 2020

- Led a **scrum** team to develop a web application where users can create and share cheatsheets
- Developed a **ReactJS** frontend that allow users to upload images and generate cheatsheets
- Implemented a backend that provides REST APIs using **Express.js** and **MongoDB**
- Built a **Javascript** recommendation engine that provide suggestions to users based on their interests
- Constructed and maintained a **Jest** testing suite throughout the development process.

## EDUCATION

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### National University of Singapore

Aug 2019 to Jun 2022

#### Bachelor of Computing (Hon.) in Computer Science

- Scholar of Singapore Digital Scholarship awarded by IMDA in Aug 2019
- Current CAP: 4.38 (2<sup>nd</sup> Upper Class Honours)