



Ivan Teo

Deeply passionate about software engineering, business and design. Eager for opportunities to learn and contribute during a software engineering summer internship.

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Experience

iOS Mobile Engineering Intern

Grab

Jan 2022 - Aug 2022

- Worked with mobile engineers, designers and product managers to develop a crowdsourcing iOS SDK to support map-making.
- Explored and proposed the implementation of new technologies and frameworks.
- Proposed and developed a bash and python script to automate the string updating process, reducing the engineering effort required by 90%.

iOS Mobile Engineering Intern

Tetsuya Healthcare Holdings

Aug 2021 - Dec 2021

- Developed scalable mobile applications in Swift and Objective-C for a medical-tech start-up.

Front End Web Development Intern

NTUitive

Jun 2021 - Aug 2021

- Developed web products using React.js for blockchain-based start-ups, Mavry.io and TrueSign.

Trading Algorithm Developer

Freelance

Feb 2020 - May 2020

- Developed trading algorithms for CFD trading in forex using MQL5, based on requirements from clients.

Intern

Ryde Technologies

Jan 2018 - Mar 2018

- Managed a web-based gaming project which accounted for more than \$1,000 transactions daily.

Education

Exchange Student

University of California, Berkeley

Aug 2022 - Present

- GLOBE Visiting Student Program

MSc Technology Management, BSE Computer Science

Nanyang Technological University

Aug 2020 - Present

- Head of Publicity, 2021 Course Orientation
- Head of REHub entrepreneurship club
- GPA 4.7 / 5.0
- Renaissance Engineering Program Scholar



Extra-Curricular

The Product Loft Traineeship

- Gained industry relevant product management knowledge including product strategy, requirements gathering, hypothesis validation and product lifecycle.

Personal Software Projects

- Planned, design and developed two iOS applications in Swift.
- Developed a personal portfolio website using React.js.

Makers Design Project

- Worked with IglooHome for a redesign of an existing product.
- Earned valuable exposure to product design and management.

Shell Scenario Planning Competition

- 1st Runner-up in Singapore



Skills & Tools

iOS Mobile Engineering

- Extensive experience with Swift, basic proficiency in Objective-C.
- Sound understanding of software design patterns and architecture.
- CocoaPods SDK integration.
- Unit testing.

Web Development

- Proficient in HTML, JS, CSS.
- Well versed with front end development frameworks like React.js.
- Basic proficiency Node.js, Express and MongoDB.

Agile Methodology

- Experience leading school projects with Agile methodology
- Industry experience with Jira

Business Management

- Sound foundations regarding principles of management, accounting, financial management and strategic marketing.

UI Design

- Able to create user-centric, high fidelity UI mock-ups with Figma.