

# LEONARD TNG

SOFTWARE ENGINEER

## ABOUT

I am a freshman from Yale-NUS College with a deep interest in technology, intending to major in computer science. With a mindset of curiosity and the eagerness to challenge myself, I work hard and is able to learn fast, given any new environment and work setting. Energetic and enthusiastic, I enjoy working in a team and takes joy in sharing ideas, engaging in discussion, and motivating others.

## EDUCATION -

### Yale-NUS College, Singapore

(2020 – 2024)

- Bachelor of Science, Computer Science (Intended)
- Global Leader Scholar

### National Junior College, Singapore

(2012 – 2017)

- Integrated Programme
- MOE Pre-U Scholar
- GCE 'A' Levels, 90 Rank Points, 6 Distinctions

## TECHNICAL SKILLS -

**Programming Languages:** TypeScript, JavaScript, HTML5, CSS3, JavaScript, Python, R

**Frontend Frameworks:** React.js, React Native, Material UI

**Backend Frameworks:** Django REST Framework

**Database:** MySQL

**Utilities:** Amazon Web Services (S3, Cloudfront, Route 53), Git, GitHub, Adobe XD, Invision Studio

**Product Management:** Agile Software Development, Software Development Life Cycle, User Acceptance Testing

## EXPERIENCE

October 2019 – September 2020 (1 year)

**Software Engineer • Product Management • Full-Time Internship • Boogle Group Ltd.**

- Used React.js to build, implement and maintain the frontend side of a merchant dashboard for a digital signage advertisement platform.
- Used React Native to build a mobile application, and React.js with Django REST Framework to build, implement and maintain a web-based admin dashboard for a QR check-in system.
- Taught frontend development to Nanyang Technological University (NTU) Business School final-year students for a web development module [BF3210] as part of an educational partnership between Boogle Group Ltd and NTU.
- Formulated product features based on market research and analysis of competitors. Conducted user acceptance testing on the completed product.

## PROJECTS

**Personal Website:** <https://www.leonardtng.com/>

- Built and hosted a personal portfolio website using React.js, TypeScript, and Amazon Web Services (AWS).
- Performed search engine optimisation on website for high Google search rank

## LEADERSHIP & CLUBS

August 2020 – Present (2 months)

**React.js Instructor & Project Lead (Frontend) • Yale-NUS College • Yale-NUS Hacks**

- Conducting a weekly 3-part workshop on React.js, with over 30 participants from the entire college.
- Leading a frontend team of 5 students for the development of a mobile app that allows students to view and sign up for college events.

July 2016 – June 2017 (1 year)

**President • National Junior College • National Junior College Symphonic Band**

- Led the executive committee to organise annual band camp and concert.
- Oversaw the logistics, planning and venues of rehearsals.

## CONTACT

**Website:** [www.leonardtng.com](http://www.leonardtng.com)

**LinkedIn:** [www.linkedin.com/in/leonard-tng/](http://www.linkedin.com/in/leonard-tng/)

**GitHub:** [www.github.com/leonardtng](http://www.github.com/leonardtng)