

# Wenyao Yan

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## UI & Front-End Developer, Sunwin Investment (Internship)

Dec 2020 — Feb 2021

- Use figma to design UI interface.
- Use vue.js to build a front-end page for company business display.



## UI & Front-End Developer, Velocity English (part-time)

Aug 2021 — Jan 2022

- Use figma to design UI interface.
- Use react.js to build a front-end page for English mock exams.
- Implement front-end and back-end communication.



## Software Tester, ThunderSoft (full-time)

Oct 2022 — Jul 2023

- Conduct pre-market software testing for GWM's [Tank 300](#) and [Tank 500](#) to ensure that the software can provide stable services to customers after the market is launched.
- Communicate with engineers via JIRA to resolve discovered software issues.

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## Skills

### Technical:

- **Front-end:** Experienced at HTML5, CSS3, CSS Animation, ReactJS, NextJS; Familiar with VueJS, AngularJS, React Native (CLI & Expo), JQuery.
- **Back-end:** Familiar with ExpressJS.
- **Development environment:** Familiar with Linux.
- **Database:** Familiar with MySQL and Mongo DB.
- **Testing Tools:** Familiar with Webdriver.io and Android Debug Bridge.
- **Computer Vision:** Familiar with opencv2, PyTorch.
- **Analytics:** Familiar with Hadoop and Apache Spark.
- **Development Tools:** Experienced at Visual Studio Code and Git.

### Personal:

- **Teamwork:** Proficient with Jira and GitHub, with a strong capability for teamwork on development platforms.
- **Problem-solving skills:** Strong problem-solving skill which formed from plenty of work experience. I can always come up with a solution to the problem, by quickly locating the root cause and searching related resources online.
- **Planning & Organisation skills:** Proven ability to organise tasks with different priority and severity well and finally deliver fully tested code on time with expected functions and performance.

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## Education



## Bachelor of Information Technology, UTS

Jan 2019 — Nov 2021



## Projects



### Software Testing for BYD Atto3 (Australian market version)



### Software Testing for GWM Tank300&Tank500 (Australian market version)

- Road Testing Experience --- Proficient at two types of road tests:
  - **Free Test:** Where routes and scenarios are selected based on everyday testing experience to uncover bugs that are usually hard to detect.
  - **Targeted Test:** Following specific requirements to find particular bugs on designated routes.
- When encountering software-related bugs, export logs via USB and use video recordings to precisely pinpoint the time of occurrence. For suspected hardware issues, utilize diagnostic tools to capture CAN logs.
- Accurately reported captured errors to the Jira system collaborating closely with the development team to ensure timely responses and fixes.
- Undertook thorough manual testing of the car's front-end control system interface systematically assessing its functionalities and user interface.
- Execute monkey-tests simulating various user operation scenarios identifying and documenting hidden bugs, thus enhancing the system's stability and reliability.



### Home Harbor (Full Stack Website)

- Using React to build a front-end page for User sign-in and sign-out, posting real estate, searching real estate.
- Allow User sign-in with Google through firebase.
- Allow User upload images to firebase storage.
- Implement communication with the backend built by Express.js and read and write data from the MongoDB database.



### Student enrolment website for Peking University

- Using Next.js to build a front-end page for business school students to select courses and register their own accounts.
- Using Next.js to build a dashboard for Admins to manage the information (view enrolment request, delete enrolment request, view users, delete users .....)
- Implement communication with the backend built by spring boot and read and write data from the MySQL database.
- Conduct search engine optimization (SEO), including keyword research, content optimization.
- Use Alibaba Cloud to deploy and go online.



- Mainly focuses on upgrading the old version of the front-end page, using the Angular Material UI component library to update the UI interface, making the page more intuitive and optimizing the user experience.
- Rewrite Coffeescript to Typescript while keeping the functionality unchanged and running normally.