

SEE KE XIN

Software Developer

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EDUCATION

Bachelor of Science
Computer Science (Cybersecurity)

Singapore Management University

📅 August 2019 – July 2023

📄 GPA: 3.18 / 4.0

📖 Final Year Project: Collaborated with the System Analysis and Verification (SAV) Autonomous Vehicle Testing research team in Singapore Management University. Mainly involved in creating the maps to model real roads, traffic conditions and accident hotspots in Singapore and testing them to ensure smooth traffic.

Diploma

Business Information Technology

Temasek Polytechnic

📅 February 2016 – May 2019

📄 GPA: 3.76 / 4.0

📖 Final Year Project: Scheduling and informative web application for pregnant ladies (HTML, CSS, jQuery, PHP, Cordova)

TECHNICAL SKILLS

Programming

Python, Java, C, JavaScript, HTML, CSS, PHP, Flutter, Cordova, jQuery, ReactJS, TypeScript, Bootstrap, Flask, Spring, MySQL, AWS, Shopify's Liquid, Kotlin, Git

Website Builder

Wix, WordPress, Shopify

Graphic Design

Figma, Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects

WORK EXPERIENCE

Research Assistant

August 2022 – May 2023 📅

Singapore Management University

- Developed an administrator webpage to assist PhD student in research (TypeScript)
- Performed data cleaning of participants' interviews (Python)

Teaching Assistant (For Web Application) January 2023 - April 2023 📅

Singapore Management University

- Assist professors in answering students' programming questions (HTML, PHP)
- Guide students in programming exercises in class (HTML, PHP)

Web Developer Intern

May 2022 – July 2022 📅

Hey! Chips

- Optimized the website performance and loading speed through image compression, image resizing and removing redundant code
- Researched on competitors' website, collated the findings, presented them to the supervisor, and executed the final design on Shopify's PageFly Page Builder (Figma, Shopify)
- Manually added a section into Shopify's theme code to allow users to change countries (Shopify's Liquid)

Research Assistant

September 2021 – April 2022 📅

Singapore Management University

- Aided in developing a website to assist the developers who are working on another tool to help visually impaired people understand and follow along in a video (ReactJS)
- Planned and designed the layout of the website together with a Professor and a PhD student (Figma)

Web Design Intern

July 2021 – Jan 2022 📅

Bamboo Builders

- Planned, designed, and revamped the layout of both the desktop and mobile version of the website to improve UI/UX (Wix)
- Led a team of volunteers and interns to perform tasks assigned by director
- Compared the usability of different payment methods like Stripe, Braintree and Paypal, and proposed one that is most intuitive and efficient to use
- Completed a mockup on the user journey of the payment procedure

Web Developer Intern

April 2018 – August 2018 📅

Tribal Worldwide

- Performed User Acceptance Testing (UAT) for several websites
- Completed Electronic Direct Mail (EDM) for several companies (HTML, CSS, JS)
- Implemented website for MCCY Safer Giving and integrated with a database (HTML, CSS, JS, WordPress)

CO-CURRICULAR ACTIVITIES

Chinese Orchestra

April 2016 – May 2019 📅

Temasek Polytechnic

- Subcommittee Member, AY 17/18
- CCA Merit Award for the Arts
- Led section during preparation for AY 17/18 and AY 18/19 concerts
- Performed at 7 major concerts and 10 minor concerts