

Ooi Si Sheng

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About Me

Final year computer science undergraduate at Universiti Sains Malaysia (USM). Love to join events. Interested in web development, JavaScript and its libraries / frameworks. Passionate about programming and designing. Seeking for a career in full stack web development.

Work Experience

Web Developer (Internship & Part-Time)

03/2021 - 02/2022

VeecoTech Web & Ecommerce

- Involved in over 40 projects and customized more than 30 websites.
- Developed custom store locator function that eliminate the need for Google Map API, helped one of the clients to save more than USD150 per month.

Graphic / Web Designer & Developer (Freelance)

08/2020 - Present

- Designed over 50 artworks for all 5 branches of AhMa PanMee.
- Re-designed, developed, and maintaining Creatinno Tech Solutions website, resulted in better looking UI, website speed improved by 55%, and more visitors.

Education

Bachelor of Computer Science (Honours)

09/2018 - Present

Universiti Sains Malaysia (USM)

Skills

Natural Languages

- English, Mandarin, Malay

Web Development

- HTML, CSS, JS, PHP, jQuery, WordPress, ReactJS, ExpressJS, NodeJS, MongoDB, TailwindCSS

Creative Design Software

- Adobe Illustrator, Photoshop, After Effects, Premiere Pro, Adobe Xd, Figma

Projects

Personal Website (sisheng.my)

NextJS / TypeScript / TailwindCSS / GSAP

- Designed and developed from scratch in order to promote myself and showcase my projects.

Smart Chemical Inventory Management System (SCIMS)

Progressive Web App (PWA) / ReactJS / ExpressJS / NodeJS / MongoDB / TailwindCSS

- Designed and developed a full stack web and mobile applications from scratch.
- Developed modules including lab, user, chemical, Safety Data Sheet management, notifications, QR code, automation, reports, and logs.
- Used by lecturers, undergraduates, and postgraduates from School of Chemical Sciences, USM.

Static Website CDN Cache Invalidation Automation

AWS S3 / CloudFront / CloudTrail / EventBridge / Lambda

- Automatically purge the cache in CloudFront when the static website updated in S3 bucket.

Automated Folder Creator

Python

- Developed a desktop app that create folders when adding new client and new policy.
- Used by my mother since 2020, save tons of time when managing 100+ clients and 300+ policies.

Awards / Achievements

Silver Award in Project Innovation & Exploration in CS Education and Learning (PIXEL) 2022

- Won a silver award with my final year project (SCIMS) among 160+ projects.

Award Winner for Digital Talent Performance Award 2022

- 1 of the 5 award winners among 800+ digital talents trained under Digital Talent Program.

Top 5 in PYDC Web Design Competition 2021

- Top 5 among 80+ teams and 300+ participants in the competition.

National Finalist (Malaysia) in ASEAN Data Science Explorer (ADSE) 2019

- Represented USM and became 1 of the Top 10 teams among 380 teams from all over Malaysia.

Consolation Prize in National Instruments Autonomous Robotics Competition (NIARC) 2019

- Represented USM and won consolation prize among 11 teams from 5 universities.