CHUA PENG SHAUN

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PERSONAL INFO

Nationality: Singaporean

EDUCATION

Nanyang Technological University, Singapore
Aug 2018 – Dec 2022
Renaissance Engineering Programme (CGPA: 4.54/5.00)
- Bachelor of Engineering Science (Computer Science) and
- Master of Science in Technology Management
- Recipient of Renaissance Engineering Programme Scholarship

Technical University of Denmark (Y4S2 Semester Exchange)
Feb 2022 – Jun 2022

Raffles Institution (IP Programme)
Jan 2010 – Dec 2015

SKILLS

- Software and Code: Proficient in HTML, CSS, Python, JavaScript, Shopify Liquid, React, Node.js, Figma, AdobeXD
- Solution Design: Wireframing, UI/UX, Prototyping

PROJECTS

RDC Wiread+
May 2022 – Jun 2022
- Implemented Wordcloud feature which employed word pre-processing techniques as well as external API
- Improved overall usability of charts and user experience by introducing user interface components

Maker's Design Project
Aug 2019 – May 2020
- Partnered YITU to design an autonomous robot capable of moving on travellators
- Implemented design thinking to come up with mechanical/software solutions to best solve problems

ETCH Design Project for Visually Impaired
Aug 2019 – May 2020
- Collaborated with visually impaired (VI) chefs to help them enable the running of a VI café
- Brainstormed and prototyped engineering solutions to aid visually impaired chefs

WORK EXPERIENCE

Bovem Web Developer
June 2022 – Present
- Initiated and implemented migration of existing Shopify codebase to Shopify 2.0
- Developed new modular components and worked closely with UI Designer to implement new product pages from concept through deployment
- Improved SEO and site performance
- Set up Ecommerce tracking tools such as Google Analytics 4, Google Tag Manager, Google Ads, Google Search Console

HDB UX Intern
May 2021 – Aug 2021
- Designed Contact Information form for tenants/owners under My Business to update and input their particulars
- Built the Intranet Design System from scratch comprising over 20 components with over 300 variants on Figma
- Developed the Design System components on React and Storybook

DSO Cyber Security Intern
Jun 2020 – Aug 2020
- Analysed phishing campaigns as well as exploitation and post-exploitation techniques through penetration testing
- Tested Bitdefender Antivirus for means of exploitation

CO-CURRICULAR ACTIVITIES

NTU: Renaissance Engineering Programme REACH Subcommittee
Aug 2019 – May 2020
- Volunteered at elderly smartphone clinic to teach elderly how to use various apps/ services

NTU: Renaissance Engineering Programme Publications Subcommittee
Aug 2019 – May 2020

NTU: Renaissance Engineering Programme Maker's Designables Subcommittee
Aug 2018 – May 2019
- Organised game activity for Arduino robots as part of Maker's Camp