

Contact

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Education

Renaissance Engineering Programme

Nanyang Technological University, Singapore (Aug 2018 - Dec 2022)

- Master of Science in Technology Management and Bachelor of Engineering Science (Computer Science)
- Recipient of Renaissance Engineering Programme Scholarship
- CGPA: 4.54/5.00

Applied Creativity and Innovation Summer School

Zagreb School of Economics and Management (Jun 2019 - Jul 2019)

- Exposure to creative applications in communities and businesses
- Developed a portfolio by exercising individual creativity through establish creative mediums

Raffles Institution (IP programme)

Raffles Institution (2010 - 2015)

Skills

Software and Code

- Python, Javascript, HTML/CSS, React, Node.js
- Figma, Adobe XD, AutoCad

Solution Design

- Wireframing, User Interface, Interactive Prototypes

Co-Curricular Activities

Renaissance Engineering Programme REACH Subcommittee

NTU (Aug 2019 - May 2020)

- Volunteered at elderly smartphone clinic to teach elderly how to use various apps / services
- Liaised with Calvary to plan for subsequent clinic sessions to impart various skills to the elderly

Renaissance Engineering Publications Subcommittee

NTU (Aug 2019 - May 2020)

- Poster Design for workshops to be conducted

Renaissance Engineering Maker's Designables Subcommittee

NTU (Aug 2018 - May 2019)

- Organised game activity for Arduino robots as part of Maker's Camp
- Facilitated Illustrator Workshop

Availability

📅 23rd-May-2022 onwards for 12+ weeks (Summer)

Projects

Makers Design Project

Aug 2019 - May 2020

- Partnered YITU to design an autonomous robot capable of moving on travellers
- Implemented ROS (Robot Operating System) on a TurtleBot
- Implemented design thinking to come up with mechanical/ software solutions to best solve problems

ETCH Design Project for Visually Impaired

Aug 2019 - May 2020

- Interacted with visually impaired (VI) chefs to help enable the running of a VI cafe
- Brainstormed and prototyped engineering solutions to aid VI chefs
- Developed and carried out product development to adapt existing cookware

Natural Language Processing Dialogue Creation Project

NTU (Mar 2021 - Sept 2021)

- Created chit chat dialogues as part of a dataset creation project to train a conversational AI

Work Experience

Housing Development Board

UX Intern (May 2021 - Aug 2021)

- Designed UX Templates to be used for Design Sprints
- Designed Contact Information form for all 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 UI component library on React and Storybook

DSO National Laboratories

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

Grab

Admin Controller (Mar 2018 - May 2018)

- Handled data entry and quering from database upon on-site feedback from agents as well as tabulation for financial reimbursement under time-strict conditions
- Received Uber drivers during Grab/ Uber merger and provided support and information briefings