Soong Le Xuan

Software Developer

Contact

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Github
hihithisisme

Skills

Languages
Python
Java
Javascript
HTML, CSS
C
Lucid

Frameworks/Technologies
Github
Arduino
Raspberry Pi
Node.js
REST API (Loopback4)
Android Studios

Softwares
Google Cloud Platform
Microsoft Suite
Adobe XD
Adobe Photoshop, Illustrator
Solidworks (CSWA certified)

Education

Singapore University of Technology and Design (SUTD) | 2018 - Present
Cumulative GPA: 4.75 | Freshmore Honour List | Graduation Date: September 2021
Bachelor of Engineering (Information Systems Technology and Design)

Technische Universität Berlin | 2019 Summer
Attended: Innovation and Entrepreneurship course,
Leadership course, Startup Crash Course
TU Berlin Summer University

Dunman High School | 2010 - 2015
Rank Point: 87.5 | H3 Mathematics: Merit
GCE A-Level (Integrated Programme)

Projects

DBS X GovTech X SUTD Smart City Challenge | Champion | Feburary - May 2019
Identified an issue with the decentralised modern payment ecosystem
Conceptualised and prototyped the integration of centralising payment
information into the DBS PayLah!
Clinched 1st place amongst over 20 teams

Digital Receipt Android Mobile Application | September 2019 - Present
Worked with a team of six to develop an mobile application using
Android Studios that uses an OCR API to digitalise and manage receipts
Structured and maintained a Firestore database as the cloud backup
Minimum Viable Product of the Smart City Challenge (as seen above)

JunctionX Singapore 2019 | 1st Runner-Up | September 2019
Conceptualised using Artificial Reality as a means of artistic expression and
community bonding
Prototyped an AR mobile application using Unity that allows users to place
pixelated blocks on a virtual canvas

Edelman Predictive Intelligence Competition Data Challenge | November 2020
Experimented with data analytics methods in the communication industry to
identify patterns in social media activities
Clinched 5th position

F&B Tech Reboot (Soup Spoon) | Decemeber 2019 - Feburary 2020
Worked with a team of five to come up with a DLT-based solution to a
fragmented voucher ecosystem
Developed a basic set of REST API to interface with a HyperLedger Fabric using
Loopback4 and Node.js
Aided in web development using Flask and Python

NUS Hack&Roll | Feburary 2020
Structured and integrated a Firestore database for a Telegram bot and web
interface to help users organise workflow for student projects

Activities

Energy Club | Vice-President | 2018 - Present
Organise a series of introductory workshops on electronics and green solutions

Design Odyssey | 2019
Mentored a team of secondary two students in designing and building a device
for controlling water flow to raise household awareness of water usage
Team clinched 2nd runner-up in The Schools Challenge 2019

St John Brigade | 2010 - 2019
Initiated technological upgrades to streamline administrative tasks
Guided juniors and liaised with teachers on management of the corps