

EDUCATION

Nanyang Technological University (NTU), Singapore Bachelor of Engineering in Electrical and Electronic Engineering <ul style="list-style-type: none">Honours (Merit), Current CGPA: 3.95/5.00	Aug 2021 – Present
Singapore Polytechnic, Singapore Diploma in Aerospace Electronics <ul style="list-style-type: none">CGPA: 3.66/4.00	Apr 2016 – May 2019

PROJECTS

Personal NFT Collection – CryptoShowroom#1 & CryptoGarage#1 & Project CryptoCars <ul style="list-style-type: none">Created 2 collection of Non-Fungible Token (NFT) using PythonMinted the 2 collections on the Polygon blockchain on OpenSea with a Windows Application and a modified Python scripthttps://opensea.io/collection/crypto-showroom-1 & https://opensea.io/collection/crypto-garage-1 & https://opensea.io/collection/project-cryptocars	Dec 2021 – Jan 2022
Personal 2D Game – CryptoCars <ul style="list-style-type: none">Built a WebGL game with Unity Game EngineDesigned game elements with Pixelart and scripted with Unity C#Collaborated with international creators to fine tune integration of the gamePublished WebGL version on Itch.io and Android version on Google Play, also available in iOS versionItch.io: https://deandrehaijiel.itch.io/cryptocarsGoogle Play: https://play.google.com/store/apps/details?id=com.deandrehaijiel.CryptoCars	Jan 2022 – Feb 2022
Lifestyle Application – choices : random <ul style="list-style-type: none">Built a randomizer application with Unity Game EngineDesigned application elements with Pixelart and scripted with Unity C#Published Android version on Google Play, also available in iOS versionGoogle Play: https://play.google.com/store/apps/details?id=com.deandrehaijiel.randomizer	May 2022 – May 2022

INTERNSHIP EXPERIENCE

Influential Brands LLP Software Developer Intern	May 2022 – Aug 2022
<ul style="list-style-type: none">Lead the development of an application on IOS and Android for the organisation's projectsDeveloped a cross platform networking application with Flutter framework; implementing messaging, video and voice calling features, alongside designed the business's newsfeed UI/UX for regular updatesConfigured profile pages for both members and personals as well as showcasing community groups and its membersParticipated in the full software development cycle of the application from design to implementation, testing and delivery	
Rolls Royce Singapore Pte. Ltd. Rolls-Royce Electrical, Engineering Intern	Mar 2018 – Aug 2018
<ul style="list-style-type: none">Identify the platform for the process with section flexibility for Variable Stator Valve Actuator (VSV Action Controller)Evaluated tools available for selected System on a chip (SoC)Write IP for SoC (VHDL/Verilog)Link ARM processor to control the duty cycle of Pulse-Width Modulation (PWM) by means of communication from PC through Ethernet via Transmission Control Protocol/Internet Protocol (TCP/IP) using Visual Basic Application [Graphical User Interface]Proactively developed a software to communicate between the input system and the integrated circuit	

SKILLS

Languages: Proficient in English and Chinese
Digital Skills: AutoCAD, CSS, C#, C++, Dart, Flutter, HTML, JavaScript, jQuery, MATLAB, Microsoft Office, Microsoft Visual Basic, MySQL, npm, Photoshop, React, SCSS, Unity 2D

HOBBIES & INTERESTS

Sports (Basketball), Gym, Hiking, Music (Singing), Photography