**DeAndre Hai Jie LIM | Mobile No.: 8121 9032 | Email:** [deandrehaijielim@gmail.com](mailto:deandrehaijielim@gmail.com)

**LinkedIn:** <https://www.linkedin.com/in/deandrehaijielim> **Portfolio Website:** <https://deandrehaijiel.surge.sh>

**EDUCATION**

**Nanyang Technological University (NTU), Singapore** Aug 2021 – Present

**Bachelor of Engineering in Electrical and Electronic Engineering**

* Honours (Merit), Current CGPA: 3.95/5.00

**Singapore Polytechnic , Singapore** Apr 2016 – May 2019

**Diploma in Aerospace Electronics**

* CGPA: 3.66/4.00

**PROJECTS**

**Personal** Dec 2021 – Jan 2022

**NFT Collection – CryptoShowroom#1 & CryptoGarage#1 & Project CryptoCars**

* Created 2 collection of Non-Fungible Token (NFT) using Python
* Minted the 2 collections on the Polygon blockchain on OpenSea with a Windows Application and a modified Python script
* <https://opensea.io/collection/crypto-showroom-1> & <https://opensea.io/collection/crypto-garage-1> & <https://opensea.io/collection/project-cryptocars>

**Personal** Jan 2022 – Feb 2022

**2D Game – CryptoCars**

* Built a WebGL game with Unity Game Engine
* Designed game elements with Pixelart and scripted with Unity C#
* Collaborated with international creators to fine tune integration of the game
* Published WebGL version on Itch.io and Android version on Google Play, also available in iOS version
* Itch.io: <https://deandrehaijiel.itch.io/cryptocars>
* Google Play: <https://play.google.com/store/apps/details?id=com.deandrehaijiel.CryptoCars>

**Lifestyle Application – choices : random** May 2022 – May 2022

* Built a randomizer application with Unity Game Engine
* Designed application elements with Pixelart and scripted with Unity C#
* Published Android version on Google Play, also available in iOS version
* Google Play: <https://play.google.com/store/apps/details?id=com.deandrehaijiel.randomizer>

**INTERNSHIP EXPERIENCE**

**Influential Brands LLP**

**Software Developer Intern** May 2022 – Aug 2022

* Lead the development of an application on IOS and Android for the organisation’s projects
* Developed 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 updates
* Configured profile pages for both members and personals as well as showcasing community groups and its members
* Participated in the full software development cycle of the application from design to implementation, testing and delivery

**Rolls Royce Singapore Pte. Ltd.** Mar 2018 – Aug 2018

**Rolls-Royce Electrical, Engineering Intern**

* 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