**LARRY LEE ( llee043@e.ntu.edu.sg )**         **https://github.com/Larrystamford**
**www.larry-lee.com**         **C, C++, Java, Typescript, Python, HTML, CSS**

## EDUCATION

**Nanyang Technological University, Renaissance Engineering Programme**      Aug 18 – Dec 22
*Bachelor of Science in Computer Science and Master of Science in Technology Management, CGPA: 4.7/5.0*

**Accomplishments:**
- NTU's Renaissance Engineering Programme Scholarship
- Ministry of Education's Academic Excellence Award

## WORK EXPERIENCE

**Grab**      May 20 – Aug 20
*Software Engineering Intern*
- Developing tools and APIs to support faster and easier software quality assurance, monitoring and debugging. (GoLang, Python, Javascript, SQL)
- Engage in service capacity and demand planning, software performance analysis, tuning and optimization (Docker, AWS)

**Mistletoe, Inc**      July 19 – Dec 19
*Semester Engineering Intern*
- Support and build both hardware and software projects that are part of their innovation eco-system
- Participated in design sprints and project sharing sessions with industry leaders

**Defence Science Organisation**      Feb 18 – Apr 18
*Software Engineering Intern*
- Derive data-driven insights using data science tools to analyse key trends for extracted image features with **Python**
- Developed and trained convolutional neural network models using **Tensorflow**
- Built and tested facial recognition algorithms based off state of the art research findings which increased the average detection accuracy on blurred and blocked images by a multiple of 10

## COMPETITIONS

**Citi's Hackathon Competition 2019, Singapore**
- **1st Prize** for creating a full stack website in the annual Citi's hackathon to connect volunteers and organisations
- Using **Swagger** to implement OpenAPI, we overcame the challenge of integrating various frameworks across different teams, creating a single cohesive application with **React** and **Java Spring Boot**

**Rohde and Schwarz's Competition 2019, Munich - Germany**
- **1st in Asia**, **6th International**, for maximising profits and optimising users' experience with R&S 5G Broadcast Data
- Developed ensemble Machine Learning algorithms with **XGBoost** and **Random Forest Classifier**

## SOFTWARE PROJECTS

**Loco Local**      May 20 – Present
*A social-commerce platform to support and drive demand for micro stores and local goods*
The frontend web framework used is **React** and **Typescript**. Designed with **REST** protocol, the backend comprises of **Express** and **NodeJS**, with **mySQL** as the database.

**Autovid**      May 19 – Jul 19
*Fully automated video editing script for content creators*
AutoVid served two selected target groups - youtubers and gaming streamers. By focusing on product market fit, I successfully monetized the software to several paying customers. The main language and tools used are **Python and FFmpeg**.

**Moblima**      Oct 19 – Nov 19
*Movie booking system for School Project*
The project focuses on the **solid design principles**. Using the interface segregation principle and the single responsibility principle, I managed to code a reusable and extensible **object-oriented** application. The main language used is **Java**.

## LANGUAGES & INTERESTS

Interests: Football, Drumming, Investing