


Ryan Liing Pang TEE

Aspiring software developer seeking summer internship | 2022 Graduation

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Education

Grenoble INP - Ensimag, Diplôme d'ingénieur (MS equivalent)

2019 - 2022

Specialization in systems and software engineering

La Prépa des INP Toulouse

2017 - 2019

A preparation program (Cycle Préparatoire) that prepares students for their entry into french engineering schools.

CLE & IUT Tours

2016 - 2017

A 1-year french scientific preparation program for foreign students to prepare them for higher education in France.

Skills

Programming Language & Framework: Java, HTML/CSS, JavaScript, Python, C, Rust, R, SQL, Spring Java, Bootstrap CSS

Database: Oracle, MongoDB(MQL)

Tools and Platforms: Linux, Git, Maven, Eclipse, Netbeans, VSCode

Spoken Language: English, French, Chinese, Cantonese, Malay, German(Beginner)

Relevant Experience

CNRS (French National Scientific Research Center), Research Intern

May 2019 - August 2019

- Participated in the research of a new fault detection algorithm based on Unsupervised Learning, DyClee.
- Studied and analysed data from different fault diagnosis methods with tools such as Python, Matlab and Maple.
- Contributed to writing a research paper on the comparison between different fault diagnosis methods.

Projets

Deca Compiler

Jan 2021

- Developed a compiler for the programming language Deca.
- Adapted the agile method and was responsible as the scrum master during the project.
- Created a math extension/framework that allow users of Deca to perform simple but precise scientific calculations.

Pathfinding visualiser

Nov 2020

- Developed a simulator in Java that visualises different famous path-finding algorithms.
- Algorithms implemented: Breadth-First Search, Depth-First Search, Dijkstra, A*