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.

Skills

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

System & Tools: Linux, Git, Maven, Oracle, Node.js, Latex, Eclipse, Netbeans

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*

Leadership & Awards

Students Association of Grenoble INP - Ensimag

2020-2021

Involved in the sports and logistics department of the student board of Ensimag.

JPA Scholar of 2016

2016

Awarded the national scholarship to pursue higher education overseas from the malaysian government (JPA).