


Ryan Liing Pang TEE

Aspiring software developer seeking full-time opportunities | 2022 Graduation

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Education

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

Sep 2019 - Jun 2022

Specialization in systems and software engineering.

La Prépa des INP Toulouse

Sep 2017 - Jun 2019

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

Relevant Experience

Amadeus | Software Engineering Intern

Jun 2021 - Sep 2021

- Built an internal tool that spies on production logs to identify the different flows triggered by the clients and automatically generates a test plan with useful test cases to improve the functional test activities.
- Tool is used by a team of more than 15 QA engineers and has improved test coverage for a newly introduced product feature by 10%.
- Technologies used: Angular v2, Python, Elasticsearch + Kibana

CNRS (French National Scientific Research Center) | Research Intern

May 2019 - Aug 2019

- Studied and analyzed data from the research of a new fault detection algorithm based on Unsupervised Learning, DyClee.
- Contributed to writing a research paper on the comparison between different fault diagnosis methods.
- Technologies used: Python, Matlab, Maple, Latex

Projets

Deca Compiler

Jan 2021

- Developed a compiler for the programming language Deca and created a math extension/framework that allow users of Deca to perform precise scientific calculations.
- Responsible as the scrum master in a team of 5 members.
- Technologies used: Java, Maven, ANTLR

Pathfinding visualiser

Nov 2020

- Developed a simulator in Java that visualises different famous path-finding algorithms such as Depth-First Search, Dijkstra and A*
- Technologies used: Java

Skills

Programming Language & Framework : (Proficient) Java, JavaScript, HTML/CSS, Angular v2 ; (Familiar) Python, Rust, C, SQL, Bootstrap CSS

Tools and Technologies : Linux, Git, Node.js, Elasticsearch + Kibana, Oracle, MongoDB, Latex

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

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).