Ryan Liing Pang TEE

Aspiring software developer seeking 6 months internship | 2022 Graduation

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Education

Grenoble INP - Ensimag | Diplôme d'ingénieur (MS equivalent) in Computer Science   Sep 2019 - Jun 2022 (Expected)
Grenoble, France

Technical University of Munich, Department of Mathematics | Erasmus Exchange Program   Oct 2021 - Mar 2022
Munich, Germany

La Prepa des INP Toulouse | Cycle Préparatoire Polytechnique (Pre-university Preparatory Course)   Sep 2017 - June 2019
Toulouse, France

Relevant Experience

Amadeus | Software Engineering Intern   Jun 2021- Sep 2021
Nice-Sophia Antipolis, France

- 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
Toulouse, France

- 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

- 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

- Developed a simulator in Java that visualizes different famous path-finding algorithms such as Depth-First and Breath-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
Involved in the sports and logistics department of the student board of Ensimag.

JPA Scholar of 2016
Awarded the national scholarship to pursue higher education overseas from the Malaysian government (JPA).