Joyce Lee Rui Jing

Software Engineer

Results-driven individual passionate about technology for good. Strong believer of combining science and art to solve the world's most pressing issues. A natural leader, team player, and achiever.

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EDUCATION

Bachelor of Engineering in Software Engineering (Honours)
Xiamen University Malaysia

04/2017 - 04/2021

Dissertation

- Sentiment Analysis on Western Classical Music for Emotion Extraction and Recognition - used Machine Learning to run sentiment analysis on classical music audio datasets to classify music into moods and feelings.

PERSONAL PROJECTS

Honey
- An educational app that for primary 6 students.
- Made with Android Studio, Java, MySQL, PowerBI, R.

StayHomeFun
- A one-stop resources site for Covid-19. Hosted on: https://stayhomefun-698b6.web.app/
- Tech stack: React.js and Firebase

HotelNest
- A mobile and web application for hotel booking made with HTML, CSS, JavaScript, Laravel, MySQL and Android Studio.

CartSurf
- An e-commerce site with desktop application made with C# .Net Framework, HTML, CSS, Javascript and MSSQL

Covid-19 Data Analysis
- Use of data mining and visualization techniques with Python libraries like numpy, seaborn, plotly, sklearn
- Hosted on: https://lostviolinist.github.io/data-assignment/

WORK EXPERIENCE

Software Engineer Intern (Web Backend)
CoinGecko

08/2020 - 01/2021

World's largest independent cryptocurrency data aggregator

Achievements/Tasks

- Responsible for server-side scripting with Ruby and Ruby on Rails, and front-end programming with Javascript, testing in Rspec with at least 75% coverage. Databases used: PostgreSQL and Redis
- Participate in Agile Sprint planning and meetings, for feature proposal and product roadmap

Freelancer
heywork

06/2020 - Present

Achievements/Tasks

- Consulted brick-and-mortar businesses on digitalization
- Led a team of freelancers to provide web design and development services

SKILLS

Ruby   Ruby on Rails   React.js   Java   Redis   Django   C++   C#   UI Design   Flutter   HTML   CSS   JavaScript   SQL   Python   Firebase   MIPS   Hadoop   Spark   NoSQL   Data Analysis

ORGANIZATIONS

Xiamen University Software Engineering Student Council (09/2019 - 08/2020)
Vice President

HONORS & AWARDS

2020: Finalist in Hack&Roll 2020 by NUS and Major League Hacking

2019: Winner of the Asean Tech Pitching for Diversity & Inclusion by Google and YSEALI

2019: First Prize in the Monash Hackathon 2019

2019: Winner in the Microsoft AI for Accessibility Hackathon 2019

2019: 2nd runner up in 1st Malaysia-China Youth Innovation and Entrepreneurship Competition

2019: Finalist in F10 Fintech Hackathon Singapore 2019

2019: Participant in the NASA Space Apps Challenge Kuala Lumpur 2019

2017: Finalist in the Virtual Reality Arena Hack 2017 (Ideathon Category)

LANGUAGES

English
Native or Bilingual Proficiency

Malay
Native or Bilingual Proficiency

Mandarin
Full Professional Proficiency

German
Elementary Proficiency

French
Elementary Proficiency

INTERESTS

Music   Violin   Piano   Reading   Leadership   Investing