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Terry Seah

Professional Summary

Enthusiastic technical professional with extensive knowledge on Software Development Life Cycle. Highly trained in Full Stack Development and Neural Network.

Education

Singapore Institute of Management (UoL)
BSc Computing and Information Systems
09/2018 – 06/2021
- Technical Lead of Innovation and Networking Society
- Awarded University of London Academic Achievement
- Software Development Life Cycle, Algorithm and Data Structures, Neural Network, Data Communications

Employment

Learnseeker – Software Engineer Intern
Singapore
04/2020 – Current
- Reduce data entry error by 70% by streamlining existing user experience.
- Improve webpage load time by 52% by lazy loading resources
- Co-in-charge of backlog refinement to ensure sprint members meet KPIs.
- Leveraged knowledge in Ruby on Rails, Git, HTML / CSS, JavaScript, React, Python and Jupyter Notebook

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LinkedIn
Blog

Languages
- Java
- Ruby
- Python
- JavaScript
- SQL
- HTML / CSS

Libraries
- Rspec
- Jest + Enzymes
- Pandas
- Matplotlib
- Numpy
- Axios
- Retrofit

Framework
- Rails
- React
- Android
- Flask
- Material-UI

Projects

Mesh
2019
- Developed an Android application that aggregated chat histories across different messaging platforms
- Incorporated persistent cloud data storage to reduce local storage use.
- Inspired from constant battle with remembering conversation with friends across the multitude of chat applications
- Utilised Java, Firebase, Git, Android Lifecycle, Glide, Retrofit, PowerPoint for wireframing

Optical Character Recognition for Paper Records
2020
- Developed a Web application for user to convert paper records to JSON format.
- Trained different classifier models to achieve highest accuracy result.
- Designed RESTful server to serve as gateway between front end webpage and backend OCR
- Utilised Python, Flask, OpenCV, Numpy, HTML / CSS, JavaScript

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Competitions

Shopee Code Challenge
2020
- Collaborated with team members to devise algorithms against challenges
- Explored into different neural networks for image classification challenges
- Utilised Python, Java, TensorFlow, Numpy

Razer Hackathon
2020
- Translated wireframe into a Minimal Viable Product in a day
- Advocated Extreme Programming to enhance speed of requirement translations
- Utilised Java, Android Lifecycle, Figma, Retrofit, Glide

Others

Languages
- English
- Chinese
- Japanese

Hobbies
- Music Transcription
- Reading
- Table Tennis

Certifications
- Japanese Language Proficiency Test N1
- Piano Grade 5

Clubs
- Innovation and Networking Society
- Data Analysis Club
- Japanese Cultural Club
- Wushu