VIVAAINDREAN NG BIN SHAMIR NG

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Experience

Software Engineer (Contract)   Dec 2020 – Present
Talentbook Solution Sdn Bhd.   *Malaysia*
- Developing routines and microservices for Accenture using Spring MVC framework at the back-end, as well as creating unit tests with JUnit.
- Developed batch services for processing jobs, using Spring Batch.
- Assisted in troubleshooting of continuous build/continuous deployment using Jenkins.

Software Engineer Intern   Sept 2018 –- Dec 2018
Soft-Skills Sdn Bhd.   *Malaysia*
- Assisted in developing prediction of stock markets' closing price using LSTM.
- Helped optimizing the query of stock markets' prediction results through caching some results, using Redis.
- Facilitated data migration and querying basic SQL queries of stock markets' data via Microsoft SQL Server.

Education

Universiti Tunku Abdul Rahman (UTAR)   Malaysia
Bachelor of Computer Science (Honours) with Merit   *Jan. 2017 – Aug 2020*
- CGPA, 3.48/4.0

Coding Projects

AdidasRuntastic Project | *Java SpringBoot, MongoDB*   Aug – Sept 2020
- Developed RESTful API service which exposes rudimentary CRUD endpoints revolving data from AdidasRuntastic, using Spring-Boot framework and MongoDB.

Final Year Project II | *Python, PyTorch, numpy*   Jan – July 2020
- Implemented temporal action localization (TAL) in predicting the starting and ending video frames which highly contains a particular crime scene.

Final Year Project I | *Python, Keras, Theano, numpy*   May – Oct 2019
- Adopted multiple instances learning (MIL) – Capable of detecting crime scenes at temporal-level, using weakly-supervised approach.

Certifications

Front-End Web Development with React   Issued Jan 2021
Server-side Development with NodeJS, Express and MongoDB   Issued Dec 2020
Building Cloud Services with the Java Spring Framework   Issued Aug 2020

Technical Skills

Web Development: Java Spring framework (Maven), Python Flask micro-framework, HTML & CSS, React (JS library), Express.js framework.
Database: MySQL, Microsoft SQL Server, MongoDB (NoSQL), Redis.
CI/CD: Jenkins
Machine Learning: Scikit-learn libraries, Keras, PyTorch.