Nalongsone Danddank

Software Engineer | New Graduate 2022

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EXPERIENCE

Software Engineer Intern @ Infosys Limited | Jan 2020 - May 2020 | Phoenix, AZ

- Worked with a team step by step, helped design and development applications and implementation of Object-Oriented using core Java 8 or higher version, and implements Algorithms & Data Structures by Java Collections API.
- Assistant Database's team with using JDBC connect pooling to access the oracle Database.
- Get Trained by team with Restful API implement by Spring boot, Spring cloud and Microservices Architecture. Using DevOps tools, GIT, Jenkins CI/CD pipeline, Docker, Linux.
- Help design and code website content using Angular 8+, React.js, and HTML5, CSS3, JS.

FEATURED PROJECTS

Find Path Travel Cities Algorithm Code

- This is an advance algorithm project from CS course – Algorithms and Data Structures.
- Algorithm Deliverable D – finding a good Ham cycle path by local search or Genetic Algorithm.
- Algorithm Deliverable C – From the starting city use depth first search with iterative deepening to find the nearest goal city.
- Algorithm Deliverable B – find the shortest Bitonic Tour of the cities.

Airline Search App

- This Project is Full-Stack Application of Airline Search service Restful API.
- Client side, single Web page, was implement with Angular CLI version 8.3.20. Code
- Server side implements by Java spring boot and connect to MySQL Database. Code

Predict Profits and Prices by Machine Learning Code

- Using Linear Regression of Machine Learning method and implement by Python and Numpy.
- One variable: to predict profits for a food truck. Considering different cities for opening a new outlet. Using this data to help you select which city to expand to next.
- multiple variables: to predict the prices of houses, and to predict what a good market price.

Post Message Web APP View

- This project is the single page that build by React.js. Code
- Fetch all data from web server using MongoDB to save data this server API that has been deployed to Heroru and testing with Mocha&Chai. Code

Working with Cloud Virtual Machines Code

- This is an Assignment from CS course: Distributed and Cloud Computing.
- Part 1 is Hosting a web site on an AWS EC2 instance.
- Part 2 is Data Analysis using SQL on a GCP Virtual Machine.

Manager Mobile App Code

- This mobile app is for practice react native, react reduxe, and google firebase that implement by android studio, etc..
- Built with: React-Native, Redux, Google Firebase and more…

More Projects and Works on my website: ping58972.com

SKILLS

Languages

Java ,Python, C#, C/C++, Javascript, Typescript, HTML, CSS/Sass, SQL, Object-Oriented Programming, Design Patterns, Parallel&Multi-thread, JSON.

Algorithm & Data Structure

BTS, DFS, BFS, Trees, Graph, Recursion, Dynamic Prog, Greedy Alg, Genetic Alg, Bellman-Ford's Alg, Dijkstra's Alg, All Pairs Shortest Path, NP-Complete.

Frameworks

Spring Boot, Spring Cloud, Hibernate, JPA, Numpy, Panda, React, Redux, React Native, Angular, Node.js.

Cloud Computing | Big Data

AWS: IAM, VPC, ELB, EC2, Lambda, S3, EBS, EFS, RDS, DynamoDB; GCP: Compute Egnine, Cloud Storage, Cloud SQL, Filestore; MongoDB, MySQL, Docker, Hadoop, Map-reduce.

Machine Learning & Deep Learning

Supervised Learning: Linear & Logistic Regression, Unsupervised Learning: Neural Networks, CNN, PyTorch, TensorFlow, Keras.

Tools & Networking

Linux, Bash, Git, Maven, Webpack, Gulp, Jenkins, JUnit, Mockito. Distributed System, Micro-services, Web services, Restful API, Socket, TCP, UDP, HTTP, IP.

EDUCATION

Metropolitan State University

Bachelor in **Computer Science**

GPA: 3.9/4

Graduate date: **May** 25, **2022**

Saint Paul, MN, USA.

CERTIFICATE

- Machine Learning.
- Deep Learning Specialization.
- Mathematics for Machine Learning Specialization.
- Software Engineer Machine Learning.