SHU-SHIUAN RONG

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SKILLS

Python
Cobol
Microsoft Office
SQL
C++

EDUCATION

Tamkang University
Sep. 2019 – Jul. 2021
MS, Computer Science

Tamkang University
Sep. 2012 – Jul. 2016
BS, Computer Science

LINKS

Github
Master Thesis

LANGUAGES

English
Mandarin Chinese

HOBBIES

Volleyball
Movie

PROFESSIONAL SUMMARY

- 3 years of experience in insurance system (Cobol) and database (SQL) development/test/maintenance.
- Experience of using machine learning models for classification prediction.

WORK EXPERIENCE

Software Engineer at Chinalife insurance company

August 2016 – July 2019

- The person in charge of contract underwriting system which provided integrated services for 4 different teams.
- Job responsibility:
  - Communicated with 2 business units to clarify the system change requirements.
  - Provided the system solutions.
  - Developed Cobol program on IBM AS400 mainframe
  - Three-phase testing: functional testing, correlation testing and counter-case testing.
- Completed 4 system change requirement, 20 data processing requirements (SQL), and 10 problem consultations per month.

TA at Tamkang University

September 2019 – July 2020

- **Introduction of Database**: Teach 50 students how to use SQL commands to add, query, update, and delete data.

ACADEMIC

TKU | Master Research

- **Thesis:** Using machine learning techniques to find the relationship between university admission score and student performance.
- **Purpose**: To provide an objective insight for our department on admission.
- **Method**: Using 3 machine learning models (Deep Neural Network, Random Forest and Support Vector Machine) by Python Packages to predict students' performance.

EXTRACURRICULAR ACTIVITIES

Volleyball team captain of CS Department

- Led the team to win 3 trophies in College Information Cup.

Executive Secretary of Student Union of CS Department

- Make meeting minutes and organize them into an event plan.