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EDUCATION

Singapore Institute of Management, University of Wollongong   April 2023 - Present
Bachelor of Computer Science (Big Data)

- Completed Modules
  - CSIT121 Object Oriented Programming
  - CSIT128 Introduction to Web Programming
  - CSCI203 Algorithms and Data Structures
  - MATH221 Mathematics for Computer Science
  - CSCI235 Database Systems
  - CSIT110 Fundamental Programming with Python
  - CSCI251 Advanced Programming
  - MARK213 Marketing Principles
  - CSIT314 Software Development Methodologies
  - ISIT312 Big Data Management

Ngee Ann Polytechnic, Singapore   Apr 2017 - Aug 2020
Diploma in Financial Informatics

WORK EXPERIENCE

iT-DnS Pte Ltd   Feb 2020 - Aug 2020
Intern

- Helped with the implementation of IP CCTV systems for local primary and secondary schools
- Making use of dedicated camera system software to perform daily checks on system logs
- Configured and maintained the camera systems
- Made use of port forwarding to help set up system on site

SKILLS

- **Technical Skills**
  - **Programming Languages:** Proficient in Python, Java, C++, JavaScript
  - **Web Development:** Experience with HTML, CSS, JavaScript, Spring Boot and Flask
  - **Database and Big Data Management:** Knowledge of SQL, relational databases (Oracle), NoSQL databases (MongoDB), HBase, Hadoop and Apache Spark
  - **Algorithms and Data Structures:** Strong grasp of core algorithms and data structures
  - **Artificial Intelligence:** Experience with Scikit-learn, TensorFlow, Keras, Pytorch for machine learning, Numpy and Pandas for data manipulation and preprocessing and Matplotlib for data visualisation

PROJECTS

- **Real Estate Web Page**
  - Followed software development methodology to complete group project
  - Experimented with different frameworks for project (Spring Boot and Flask)
  - Version control using GitHub
  - Integrated frontend technologies (HTML, CSS, JavaScript) with backend to create interactive user interface

- **Facial Recognition Project**
  - Developed a facial expression recognition project that utilize deep learning techniques to classify various emotions from facial images
  - Implemented a Convolutional Neural Network architecture (VGG16) for feature extraction and classification