ROGER LEE

DATA SCIENTIST

CONTACT

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EDUCATION

MASTER OF SCIENCE(BS)
Mathematics with Statistics

University of Selangor

KEY SKILLS

- Python/R Programming
- Machine Learning
- Data analytics
- Statistical Analysis
- Data Mining
- Data Cleaning and Preprocessing
- Data Visualization (Tableau, Power BI, etc.)
- SQL Database Management
- Predictive Modeling
- Big Data (Hadoop, Spark)
- Web Scraping
- Web Development
- Deep Learning
- Natural Language Processing (NLP)
- Large Language Model(LLM)
- Applied Mathematics
- Business Intelligence Tools
- Experimental Design
- Communication and Presentation Skills
- Problem-Solving Skills

WORK HISTORY

DATA SCIENTIST • FEB 2020 – OCT 2023

ZIDEO • Singapore, Singapore

- Developed and implemented machine learning algorithms to optimize marketing strategies, resulting in a 20% increase in customer acquisition.
- Presented findings and insights to senior management, resulting in a 15% increase in marketing budget allocation and a 10% rise in customer retention rates, influencing strategic business decisions significantly.
- Collaborated with stakeholders to develop interactive dashboards that led to a 20% improvement in operational efficiency and a 25% reduction in response time to critical issues, enhancing decision-making processes across the organization.
- Led a cross-functional team to build a predictive maintenance model for manufacturing equipment, reducing downtime by 15%.

MACHINE LEARNING ENGINEER • JAN 2016 – DEC 2019

Fusionex • Kuala Lumpur, Malaysia

- Implemented a recommendation system for an e-commerce startup, increasing sales by 25% through personalized product suggestions.
- Collaborated with a healthcare company to build a predictive model for patient readmission rates, improving patient care outcomes by 15%.
- Led the development of a real-time fraud detection model, resulting in a 40% reduction in fraudulent transactions and saving the company $1 million annually.

MACHINE LEARNING RESEARCHER • SEPT 2014 – DEC 2015

University of Selangor • Selangor, Malaysia

- Collaborated on a research project resulting in a 40% reduction in training time for large-scale neural networks through optimization techniques.
- Developed a novel deep learning model that achieved a 30% increase in prediction accuracy for medical image analysis.