

SURENDRAN SELVARAJU
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EDUCATION

Multimedia University

M.Sc., Information Technology

2015 – 2019

Dissertation: Feature and Opinion Extraction on Malay
Online Text

B.Sc., Bioinformatics

2011 – 2014

Certificate: Coursera Course Certificate

Machine Learning Foundations: A Case Study Approach
License DPH7JVEGD242

2016

Practical Machine Learning

License MBEPW4VWQD56

2017

Machine Learning: Classification

License MJXDTBZMQXCQ

2018

Introduction to Data Science in Python

License XRC53XN2ZYQH

2018

Applied Text Mining in Python

License MKYVSW5Q7XPV

2018

Python Programming: A Concise Introduction

License C9Q2V85663AD

2018

TEACHING EXPERIENCE

Multimedia University

Teaching Assistant for Assoc. Pro. Dr. Kalaiaarasi

Tutored “Software Engineering” and “Data Mining” courses to Degree’s
students.

2016 - 2017

Teaching Assistant for Mr. JayaKumar Krishnan

Tutored “Network Security” course to Degree’s students

2015 –2016

SPM tutor (Bio, Physic, Chemistry, Add Maths)

2012 –2017

WORK EXPERIENCE

Multimedia University	Melaka, Malaysia
Research Officer (Data analysis, Sentiment Mining, Design an Algorithm, Natural Language Processing)	Oct 2014 – Oct 2017
Research Officer (MMU : Telekom Sentiment Project)	Oct 2017- Apr 2018
Lecturer in LimKokWing University (Faculty Coordinator)	Oct 2017-Dec2018
Data Analytics/Data Scientist/ Data Analyst in Sapuraenergy Berhad	Jan 2019-Present

PROGRAMMING SKILLS

- Programming languages: **C++**, **Phyton**, **C#**, **R language**
- Research tools: **Python**, **IPhyton**, **yTextminer**, **Rtext Tool**, **Weka**, **Spark**, **Spacy**, **NLTK**, **scikit-learn**, **Numpy**, **Scrapy (web scrapping)**
- Data Mining Techniques, Conditional Random Field algorithm, Supervise Algorithms
- SAP, Symphony, NoSQL, MySQL
- Microstrategy (tools), PowerBI, Pivot, DAX
- Google Analytics tool

RESEARCH INTERESTS

- **Sentiment Mining**
- **Conditional Random Field**
- **Decision Tree**
- **Personalized Information Retrieval**
- **Machine Learning**
- **Deep Learning**
- **Text processing**
- **Data Science**

JOURNAL PUBLICATIONS

- S. M. A. Kalaifarasi, S. Surendran, and K. K. Jaya, "The Generation of Malay Lexicon" **American Journal of Applied Sciences**, vol. 14, pp. 503-510, 2017.
- Selvaraju, S., & Anbananthen, K. S. M. (2019). Opinion Extraction on Online Malay Text. **American Journal of Applied Sciences**, 16(4), 134-142.

LINK

- <https://github.com/Sureniology>
- <https://www.linkedin.com/in/surendran-selvaraju-b8040185/>

AWARDS

- Gold medal ITEX'16
- Gold medal MMU INOVATION'16
- Silver medal PENCIPTA' 15

REFERENCES

Assoc. Prof. Dr. Kalaiarasi Sonai Muthu Anbanathan

Associate Professor

Faculty of Information Science & Technology

Multimedia University

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Assoc. Prof. Dr. Omar

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Mohammad Iqbal Hakim Ibrahim

Executive, Catalogue Management,

Gtssc-Supply Chain-Performance Sys Suppt

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