SURENDRAN SELVARAJU

surendranmmu@yahoo.com

Apartment Desa Jati, Nilai ●+6010-3693430

EDUCATION

Multimedia University

M.Sc., Information Technology **Dissertation: Feature and Opinion Extraction on Malay Online Text**	**2015 – 2019**
B.Sc., Bioinformatics	**2011 – 2014**
Certificate: Certified Data Science Specialist (iTrain)	**2020**
Certificate: Coursera Course Certificate **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**
Machine Learning Foundations: A Case Study Approach **License DPH7JVEGD242**	**2017**
Practical Machine Learning **License MBEPW4VWQD56**	**2016**

TEACHING EXPERIENCE

Multimedia University

Teaching Assistant for Assoc. Pro. Dr. Kalaiarasi 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 & BeautifulSoup (web scrapping)**
- Data Mining Techniques**,** Machine Learning Algorithms
- SAP, Symphony, NoSQL, MySQL
- Microstrategy, PowerBI, Google Analytics, KNIME, Pivot, DAX

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. Kalaiarasi, 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
Bukit Beruang - 75450, Malaysia
06-2523344
kalaiarasi@mmu.edu.my

Assoc. Prof. Dr. Omar
Faculty of Information Science & Communication Technology
Limkokwing University
Cyberjaya - 63000 Cyberjaya
03-8317 8888
omar.abouabdalla@limkokwing.edu.my

Mohammad Iqbal Hakim Ibrahim
Executive, Catalogue Management,
Gtssc-Supply Chain-Performance Sys Suppt
Sapuraenergy Berhad
03 8659 8044
iqbalhakim.ibrahim@sapuraenergy.com