



# CHEMPAKA SERI BINTI ABDUL RAZAK



## CONTACT DETAILS

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## SKILLS

- **Programming Languages :** PHP, Python, JavaScript
- **Frameworks :** Laravel (PHP), Bootstrap (Front-End)
- **Softwares :** Git, SourceTree, Microsoft
- **Machine Learning**
- **Data Analytics**
- **Project Management**
- **Web Development:** HTML, CSS, MySQL,
- **Other Skills:** Adaptability, Teamwork, Unified Modelling Language (UML), System Requirement Specification (SRS)



## REFERENCE

**SITI HAFIZAH BINTI AB HAMID, PHD**  
Associate Professor,  
Department of Software Engineering,  
Faculty of Computer Science and  
Information Technology,  
University of Malaya  
Phone : +603 - 79676340  
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**MR ARIS HANAFI BIN ABU JALIL**  
Assistant of Student Affairs,  
Perak Matriculation College  
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## LANGUAGE

Malay (Native), English (Fluent)



## EFFECTIVE DATE

1st March 2021



## EXPERIENCE

### Research Assistant (Nov 2020 - Jul 2021)

#### Cross Software Project's Code Anomaly Prediction

The objective of this research is to design a model for Just-In-Time Software Defect Prediction using Deep Reinforcement Learning for better prediction for software defect. The model are develop using Python library (Keras and Tensorflow) to achieve better accuracy compared to existing method.

Research Publication: Not yet published

### Research Assistant (Feb 2019 - Jun 2020)

#### Scalable and Distributed Framework for Malicious Profile Detection on Twitter

The objective of this research is to detect Twitter users' emotions based on their tweets. I've develop a system for the Emotion Analysis Model using Laravel as the system framework and Python language for the detection model.

Research Publication: Not yet published

### Internship (Aug 2017 - Jan 2018)

#### Anomaly Detection in Policy Authorization ActivityLog

The system will analyse the files uploaded and will detect any anomalies between the files. I was given a task to design the system interface. Some of the tools used are:

- Laravel : Handles the system core functions
- Flask Python : Creates API which handles communication between the system and model
- MySQL : Database
- Bootstrap : Styling of the system



## EDUCATION

### Master of Computer Science (Research)

University of Malaya (Sep 2019 - Jul 2021)

Pass with Honours

### Bachelor of Computer Science (Software Engineering)

University of Malaya (Sep 2015 - Feb 2019)

CGPA: 3.22. Pass with Honours

### Science PST Module II (Science Physical)

Perak Matriculation College (May 2014 - May 2015)

CGPA: 3.44. Pass and Completed Matriculation Programme

## **University of Malaya**

- **Malam Anugerah Pelajar (MAP), Faculty of Computer Science and Information Technology**  
May 2017  
Head of Logistic Bureau
- **Dean's Cup, Faculty of Computer Science and Information Technology**  
April 2017  
Head of Logistic Bureau
- **PEKOM Interaction Day**  
March 2017  
Head of Registration Bureau
- **2017 CAU-UM Global Winter School Big Data Analytics**  
February 2017  
Facilitator
- **Industrial Training Preparatory Workshop, CITRa UM**  
November 2016  
Participant
- **Software Engineering (SE) Day**  
October 2016  
Committee Member
- **Persatuan Komputer Universiti Malaya (PEKOM)**  
September 2016 - September 2017  
Head of Registration Bureau
- **Minggu Haluan Siswa (MHS), Universiti Malaya**  
September 2016  
Facilitator of Tun Ahmad Zaidi Residential College
- **Malam Anugerah Gemilang Sepuluh (MAGS), Tun Ahmad Zaidi Residential College**  
May 2016  
Vice Secretary
- **Malam Anugerah Pelajar (MAP), Faculty of Computer Science and Information Technology**  
May 2016  
Committee Member
- **Program Transformasi Mahasiswa Universiti Malaya Siri 2, Biro Tatanegara Jabatan Perdana Menteri**  
April 2016  
Participant
- **Runn111ng UM, Celebrating 111 Years University of Malaya**  
April 2016  
Committee Member
- **Sukan Mahasiswa/i Universiti Malaya**  
December 2015  
Representative of Tun Ahmad Zaidi Residential College in Volleyball and Chess Competition

## **Perak Matriculation College (KMPk)**

- **Minggu Pendaftaran Pelajar Baharu (MPPB)**  
Mei 2015  
Facilitator
- **Student Representative Committee (JPP)**  
Jun 2014 - Mei 2015  
Vice Secretary