

Mohd Shahril bin Zainol Abidin

SOFTWARE DEVELOPER · PERNEC INTEGRATED NETWORK SYSTEM (PINS)

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Summary

A passionate software developer (and *forever a student*) who loves computer science. His interest always been about everything that related to computer problem solving, computer security and technical stuffs that *normal mortals* don't usually mess around. An *IT nerd* who has been using open source softwares for his everyday job such as Linux, Open-Source softwares and related toolchains. One who can learn fast about any technologies or knowledge should the need arises.

Skills

Programming	C/C++, Windows API, Python, Java, x86-64 Assembly
Web	PHP, Javascript, CSS, HTML5
Tools	Linux/Unix, Vi/VIM, VS Code, Git, Arduino, Raspberry Pi
Security	x86-64 Reverse Engineering, Computer/Network Forensic
Languages	English, Bahasa Malaysia

Work Experience

Silterra Malaysia

INTERN

Kulim, Kedah

Apr. 2016 - Jun. 2016

- Implemented Arduino system that integrates with a MFRC522 RFID model for company saving budget purpose.
- Implemented Java system that can automate robot arm testing for future maintenance and robot fixing.

Centre for Artificial Intelligence & Robotics (CAIRO)

INTERN

UTM KL, Kuala Lumpur

Feb. 2019 - Jun. 2019

- Gained and implemented deep learning model specifically related with computer vision tasks.
- Deployed deep learning for production using container (Docker technology).

Pernec Integrated Network System (PINS)

SOFTWARE DEVELOPER

Setiawangsa, Kuala Lumpur

Aug. 2019 - Now

- Part of the development team for Cyseca Endpoint Application Control (Windows client)
- Contributing new features to the Windows client part.

Education

Sekolah Kebangsaan Padang Lumat

UJIAN PENILAIAN SEKOLAH RENDAH (UPSR)

Padang Lumat, Kedah

2003 - 2008

Sekolah Menengah Kebangsaan Guar Chempedak

PENILAIAN MENENGAH RENDAH (PMR), SIJIL PELAJAR MALAYSIA (SPM)

Guar Chempedak, Kedah

2009 - 2013

Universiti Teknologi Mara: Kampus Perlis

DIPLOMA IN COMPUTER SCIENCE (CGPA 3.91)

Arau, Perlis

Jun. 2014 - Oct. 2016

- UiTM Cawangan Perlis (Special Best Graduate Award)

Universiti Teknologi Mara: Shah Alam

BACHELOR OF INFORMATION TECHNOLOGY (HONS.) INTELLIGENT SYSTEM ENGINEERING (CGPA 3.68)

Shah Alam, Selangor

March. 2017 - Aug. 2019

- President of Artificial Intelligence Society
- Obtained three (3) awards for my Final-Year Project (Malware classification using Deep Learning)

Extracurricular Activity

AleJnd Capture-The-Flag Team

CORE MEMBER

Malaysia

Oct 2016 - PRESENT

- The merger between two new prominent CTF teams in Malaysia.
- Participated in both onsite and online Capture-The-Flag competition.
- Consists of students and professionals who love deeply into cyber security area.
- Won 3rd place in HITB Singapore - GSEC Capture the Flag édu Edition competition.

Wargames.my

CORE MEMBER

Malaysia

2018 - PRESENT

- A group of IT security enthusiast based in Malaysia.
- Organized annual CTF competition targeted towards Malaysian.

NanoSec Conference

SPEAKER

Malaysia

October, 2019

- Presented my research about how to do malware classification using AI & deep learning.

Program Committees

2015-2017 **Trainer**, Competitive Programming Workshop

UiTM Arau

2018 **Trainer**, Computer Security & Capture the Flag Workshop

UiTM Shah Alam

2018 **Program Manager**, Prosolve - National Programming Competition

UiTM Shah Alam

Activities

INTERNATIONAL

2018 **3rd Place**, HITB GSEC Capture the Flag édu Edition

Singapore

DOMESTIC

2015 **2nd Place**, KPMG Cyber Security Challenge

Kuala Lumpur

2016 **2nd Place**, i-Hack UiTM National Computer Forensic Competition

Shah Alam

2016 **3rd Place**, UTPHAX National Hacking Competition

Sintok

2016 **Champion**, UiTM Jasin's CTF (Capture The Flag)

Jasin

2016 **Champion**, KPMG Cyber Security Challenge

Kuala Lumpur

2017 **Champion**, Borneo Cyber Security Challenge (Hack & Defense)

Kota Kinabalu

2017 **Champion**, UiTM Jasin's KICTM iCTF (Capture The Flag)

Jasin

2017 **2nd Place**, UiTM Jasin's KICTM Programming Competition

Jasin

2017 **3rd Place**, ASEAN Data Science Explorer (National Final)

Kuala Lumpur

2017 **2nd Place**, Cyber Heroes Competition

Bangi

2018 **3rd Place**, Google Games Southeast Asia

Kuala Lumpur

2018 **2nd Place**, UiTM Jasin's KICTM iCTF (Capture The Flag)

Jasin

2018 **3rd Place**, i-Hack UiTM National Attack & Defense Competition

Shah Alam

2018 **Champion**, KPMG Cyber Security Challenge

Kuala Lumpur

2019 **Champion**, F-Secure Intervarsity Cyber Security Competition

Kuala Lumpur

2019 **2nd Place**, wizlynx's PwnTillDawn

Kuala Lumpur

UNIVERSITY

2015 **Champion**, Computational Problem Solving Competition (COPSCOM)

UiTM Perlis

2015 **Champion**, Competitive Programming & Multimedia Competition (CPROM)

UiTM Perlis

2016 **Champion**, Competitive Programming & Multimedia Competition (CPROM)

UiTM Perlis

2017 **Champion**, Prosolve 3 (Programming Competition)

UiTM Shah Alam