

# 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 with 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, OSS development softwares and related toolchains. One who can learn fast about any technologies or knowledge if the need arises.

## Skills

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

### Perneq 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