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, NodeJS, 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 Forensic
Languages	Malay, English

Work Experience

F-Secure Corporation   *Bangsar, Kuala Lumpur*

JUNIOR MALWARE ANALYST   *Jun. 2020 - PRESENT*

- Handling customer problems regarding malware

Pernec Integrated Network System (PINS)   *Setiawangsa, Kuala Lumpur*

SOFTWARE DEVELOPER   *Aug. 2019 - Apr. 2020*

- Part of the development team for Cyseca Endpoint Application Control (Windows client)
- Contributing new features to the Windows client part.
- Spent most of the time with C++ and Windows API related development.

Centre for Artificial Intelligence & Robotics (CAIRO)   *UTM KL, Kuala Lumpur*

INTERN   *Feb. 2019 - Jul. 2019*

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

Silterra Malaysia   *Kulim, Kedah*

INTERN   *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.

Education

Universiti Teknologi Mara: Shah Alam   *Shah Alam, Selangor*

BACHELOR OF INFORMATION TECHNOLOGY (HONS.) INTELLIGENT SYSTEM ENGINEERING   *March. 2017 - Aug. 2019*

- Cummulative GPA 3.68; Dean's List for all semesters
- President of Artificial Intelligence Society
- Obtained three (3) awards for my Final-Year Project (Malware classification using Deep Learning)

Universiti Teknologi Mara: Kampus Perlis   *Arau, Perlis*

DIPLOMA IN COMPUTER SCIENCE   *Jun. 2014 - Oct. 2016*

- Cummulative GPA 3.91; Dean's List for all semesters
- Special Best Graduate Award

Sekolah Menengah Kebangsaan Guar Chempedak   *Guar Chempedak, Kedah*

PENILAIAN MENENGAH RENDAH (PMR), SIJIL PELAJAR MALAYSIA (SPM)   *2009 - 2013*

Extracurricular Activity

NanoSec Conference   *Malaysia*
SPEAKER   *October, 2019*
• Presented my bachelor degree's research on how to do malware classification using AI & deep learning.

Wargames.my   *Malaysia*
CORE MEMBER   *2018 - PRESENT*
• A group of IT security ethusiast based in Malaysia.
• Organized annual CTF competition targeted towards Malaysian.

AleJnd Capture-The-Flag Team   *Malaysia*
CORE MEMBER   *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.

Program Committees

2018	**Program Manager,** Prosolve - National Programming Competition	*UiTM Shah Alam*
2018	**Trainer,** Computer Security & Capture the Flag Workshop	*UiTM Shah Alam*
2015-2017	**Trainer,** Competitive Programming Workshop	*UiTM Arau*

Activities

INTERNATIONAL

2019	**Hall of Fame,** Sixth Annual Flare-On Challenge	*Online*
2018	**2nd Place,** Cross Country KPMG Cyber Security Challenge	*Kuala Lumpur*
2018	**3rd Place,** HITB GSEC Capture the Flag (édu Edition)	*Singapore*

DOMESTIC

2019	**2nd Place,** wizlynx's PwnTillDawn	*Kuala Lumpur*
2019	**Champion,** F-Secure Intervarsity Cyber Security Competition	*Kuala Lumpur*
2018	**Champion,** KPMG Cyber Security Challenge	*Kuala Lumpur*
2018	**3rd Place,** i-Hack UiTM National Attack & Defense Competition	*Shah Alam*
2018	**2nd Place,** UiTM Jasin's KICTM iCTF (Capture The Flag)	*Jasin*
2018	**3rd Place,** Google Games Southeast Asia	*Kuala Lumpur*
2017	**2nd Place,** Cyber Heroes Competition	*Bangi*
2017	**3rd Place,** ASEAN Data Science Explorer (National Final)	*Kuala Lumpur*
2017	**2nd Place,** UiTM Jasin's KICTM Programming Competition	*Jasin*
2017	**Champion,** UiTM Jasin's KICTM iCTF (Capture The Flag)	*Jasin*
2017	**Champion,** Borneo Cyber Security Challenge (Hack & Defense)	*Kota Kinabalu*
2016	**Champion,** KPMG Cyber Security Challenge	*Kuala Lumpur*
2016	**Champion,** UiTM Jasin's CTF (Capture The Flag)	*Jasin*
2016	**3rd Place,** UTPHAX National Hacking Competition	*Sintok*
2016	**2nd Place,** i-Hack UiTM National Computer Forensic Competition	*Shah Alam*
2015	**2nd Place,** KPMG Cyber Security Challenge	*Kuala Lumpur*

UNIVERSITY

2017	**Champion,** Prosolve 3 (Programming Competition)	*UiTM Shah Alam*
2016	**Champion,** Competitive Programming & Multimedia Competition (CPROM)	*UiTM Perlis*
2015	**Champion,** Competitive Programming & Multimedia Competition (CPROM)	*UiTM Perlis*
2015	**Champion,** Computational Problem Solving Competition (COPSCOM)	*UiTM Perlis*