# Mohd Shahril bin Zainol Abidin

Student · Intelligence System Engineering

☐ (+60)174473581 | ✉ mohd_shahril_96@yahoo.com | ⬛ shahril96 | ⬛ mohd-shahril | 🐦 mohd_shahril_96

## Summary

A passionate student who loves computer science. My interest always been about everything that related with computer problem solving, computer security and technical stuffs that *normal mortal* doesn't usually mess around. *An IT nerd* who has been using open source softwares for his everyday job such as Linux, OSS developement softwares and related toolchains. Being able to learn fast about any technologies or knowledge if the need arises.

## Education

**Universiti Teknologi Mara: Kampus Perlis**                                *Arau, Perlis*

Diploma in Computer Science (CGPA 3.91)                              *Jun. 2014 - Oct. 2016*

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

Bachelor of Information Technology (Hons.) Intelligent System Engineering        *March. 2017 - PRESENT*

## Skills

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|---|---|
| **Programming** | Python, C/C++, JAVA |
| **Web** | PHP, Javascript, CSS, HTML5 |
| **Tools** | Linux, VIM, VS Code, Git, Arduino, Raspberry PI, RTL-SDR |
| **Languages** | English, Bahasa Malaysia |

## Work Experience

**Silterra Malaysia**                                                      *Kulim*

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.

## Extracurricular Activity

**AleJanda Capture-The-Flag Team**                                        *Malaysia*

CORE MEMBER                                                      *Oct 2016 - PRESENT*

- The merger between two prominent CTF teams in Malaysia.
- Participating in both offline and online Capture-The-Flag competition.
- Consists of Malaysian IT enthusiasts who love deeply into cyber security arena.

## Co-Curricular Experiences

**CSC118 & CSC128 Workshop**                                        *UiTM Arau, Perlis*

FACILITATOR                                                        *Sept. 2015*

- 2-days worship which prepared and equipped student for CSC118 & CSC128 courses.

**Competitive Programming Workshop**                                *UiTM Arau, Perlis*

TRAINER                                                            *Sept. 2015*

- Conducted one-day workshop focusing on basic skill of competitive programming.

**Competitive Programming Workshop**                                *UiTM Arau, Perlis*

TRAINER                                                            *Sept. 2016*

- Conducted two different workshops for two different set skills of students.
- First workshop is focusing on more experienced students with programming.
- Second workshop is focusing on introduction to the competitive programming area.

**Dota2 Tournament** *UiTM Arau, Perlis*
TECHNICAL ASSISTANT *Sept. 2016*
- Network setup and care for the well being of technical equipments.

**ACM-ICPC Cross Training Programming Workshop** *UiTM Arau, Perlis*
TRAINER *Feb. 2017*
- Two days workshop which emphasizing on advanced skill on tackling competitive programming questions.
- Introducing basic data structures and algorithm complexity.
- Conducted simple programming competition with the intend to prepare students for any future contests.

# **Act**ivities

## INTERNATIONAL

| | | |
|---|---|---|
| 2014 | ACM-ICPC Programming Asia Regional Kuala Lumpur | *Kuala Lumpur* |
| 2016 | **4th Place** CyberSOCKS Regional Competition | *Ipoh* |

## DOMESTIC

| | | |
|---|---|---|
| 2014 | **16th Place** ACM-ICPC Al-Khawarizmi National Programming Competition | *Ipoh* |
| 2015 | **2nd Place** KPMG Cyber Security Challenge | *Kuala Lumpur* |
| 2016 | **2nd Place** i-Hack UiTM National Computer Forensic Competition | *Shah Alam* |
| 2016 | **5th Place** ACM-ICPC Al-Khawarizmi National Programming Competition | *Gombak* |
| 2016 | **3rd Place** UTPHAX National Hacking Competition | *Sintok* |
| 2016 | **1st Place** KPMG Cyber Security Challenge | *Kuala Lumpur* |
| 2017 | **1st Place** Borneo Cyber Security Challenge (Hack & Defense) | *Kota Kinabalu* |

## UNIVERSITY

| | | |
|---|---|---|
| 2014 | **6th Place** Competitive Programming and Multimedia Competition (CPROM) | *UiTM Perlis* |
| 2015 | **1st Place** Computational Problem Solving Competition (COPSCOM) | *UiTM Perlis* |
| 2015 | Youth Adventure Leadership Camp | *Kuala Kangsar* |
| 2015 | **1st Place** Competitive Programming and Multimedia Competition (CPROM) | *UiTM Perlis* |
| 2016 | **1st Place** Competitive Programming and Multimedia Competition (CPROM) | *UiTM Perlis* |
| 2017 | **1st Place** Prosolve 3 (Programming Competition) | *UiTM Shah Alam* |