

Mohammed Akib Iftakher

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Profile

An electrical majored engineering student who wants to get the opportunities to use his technical knowledge, expand skill set and contribute to the goals of the Research Project. Eager to learn, organized, self-driven with a pragmatic 'can do' approach, energetic, flexible and easily adaptable in new environment.

Education Background

Bachelor of Electrical Engineering, Scored: CGPA 3.85/4.00

University of Malaya, Kuala Lumpur

Major subjects: Numerical Analysis, Engineering Mathematics I & II, Probability and random system, Programming I & II, Python, Circuit Analysis I & II, Digital System, Electronic Circuit I & II, Electronic Physics, Signal and System, Basic and Applied Electromagnetics, Fun With Robots, Integrated Design Project I & II, Instrumentation, Final Year Project I & II.

Skills

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| ➤ C++, Python. | ➤ HTML, CSS, JavaScript. |
| ➤ MS Office. | ➤ MySQL, MongoDB. |
| ➤ Windows, Linux. | ➤ MATLAB. |
| ➤ COMSOL, Powerworld, Autodesk eagle, PSpice. | ➤ Android studio. |
| ➤ Adobe photoshop, Adobe Illustrator (Basic). | ➤ Mentorship, Leadership, Collaboration, Team player. |
| ➤ Arduino, raspberry pi 3. | ➤ Effective multi-tasker, Great Communication skills. |

Projects

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| ➤ A card game (programming I). | ➤ Smart Aquarium (Integrated Design Project). |
| ➤ Online shopping platform using C++ (programming II). | ➤ AlphaBot2-PiZeroit (Fun With Robots). |
| ➤ Microwave Oven – A finite state machine (Digital System). | ➤ Switch-Mode Power Supplies (Power Electronics). |
| ➤ The 8th order Butterworth Low Pass Filter (Circuit Analysis II). | ➤ Characterization of Printable Electrode For Wearable Supercapacitor (Final Year Project). |
| ➤ Controlling Of Electropneumatic Actuators (Instrumentation). | ➤ F450 Quadcopter (IoT Project). |
| ➤ A simple game using PyQt5 module (Python). | |
| ➤ Smart bin design (Basic Entrepreneurship). | |

Working Experience

- Promotional Campaign leader of Sifu Sifu Sdn. Bhd. (Projects, Assignment) (February 2018 – April 2018)
- New Product Introduction Internship at Huber+Suhner Sdn. Bhd. (July 2019 - September 2019)
- Teacher Fellow at Teach for Bangladesh (April 2021 – Present)

Extracurricular Activities

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| ➤ Organizing Member Of Bangladeshi Students Night-in Malaysia. | ➤ Winner Of On-Campus Prototype Design Competition. |
| ➤ Member of Board of Engineer Malaysia. | ➤ Sunway iLab Acceleration Program. |
| ➤ 2nd Position In Chittagong Divisional Quiz. | ➤ Google IT Support Professional Certificate. |
| ➤ 5th in Regional Science Olympiad. | ➤ Virtual Internships (Microsoft, Accenture). |
| ➤ Recipient of the Dean's Award for 6 times. | |
| ➤ Winner of Hult prize on-campus round. | |
| ➤ Challenge Winner of the Park of Future Hackathon. | |
| ➤ Winner of Say Empower Pitching Competition. | |
| ➤ HCIA Big Data Training and Huawei Certification. | |
| ➤ Mentor at Begin Challenge. | |
| ➤ Graduate Alumni of Common Purpose UK. | |

Academic reference

Associate Prof. Dr. Suhana Binti Mohd Said

Deputy Dean (Undergraduate Studies),
Faculty of Engineering
University of Malaya, 50603 Kuala Lumpur
Tel: +603-7967 5200
Email: smsaid@um.edu.my

Associate Prof. Ir. Dr. Chow Chee Onn

Head of Department,
Department of Electrical Engineering,
University of Malaya, 50603 Kuala Lumpur
Tel: +603-7967 5205
Email: cochow@um.edu.my

Personal information

Nationality: Bangladeshi

Gender: Male DOB: 2nd July 1996

Hobbies: Travelling, Reading, Watching Movies, Playing Video Games, Cricket.

Favorite Quotes: **"It's not the days in your life, but the life in your days that counts."** (*Brian White*)