AHMAD FATHI BIN AHMAD SUHAIMI

PERSONAL DETAILS

Date of Birth : 11 August 1992
Gender : Male
Religion : Islam
Nationality : Malaysian
Marital Status : Single
Address : No. 18, Jalan 4/2, Taman Desa Pinggiran Putra, Kg. Limau Manis, Sg. Merab, 43000 Kajang, Selangor, Malaysia.

CONTACT

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PERSONAL STRENGTH & SKILLS

Computer

- MS Word ✪✪✪✪✪
- MS Exel ✪✪✪✩✩
- MS Power Point ✪✪✪✪✪
- Photoshop ✪✪✪✩✩

Skills

- MATLAB ✪✪✪✪✩
- Proteus ✪✪✪✪✩
- Arduino ✪✪✪✩✩
- MPLAB ✪✪✪✩✩
- PLC ✪✪✪✪✩
- Cisco Packet Tracer ✪✪✪✩✩
- Power World ✪✪✪✪✩
- C++ Programming ✪✪✪✪✩

Languages

- Malay ✪✪✪✪✪
- English ✪✪✪✩✩

CURRICULUM VITAE

WORKING EXPERIENCE

AEON BIG, ALAMANDA PUTRAJAYA

- Positions : Scanning
- Responsibility : Price Tag Checker, Product Expired Checker
- May 2013 – August 2013

ENERGY COMMISSION, PUTRAJAYA

- Positions : Industrial Trainee
- Responsibility : License application process for distribution system and solar photovoltaic, conduct site inspections on licensee for distribution system and solar photovoltaic.
- March 2016 – May 2016

EDUCATION BACKGROUND

BACHELOR OF ELECTRICAL & ELECTRONICS ENGINEERING (Hons.)

Universiti Tenaga Nasional (UNITEN), Bangi

- Current CGPA : 2.88 — 2013-2017

DIPLOMA IN ELECTRICAL ENGINEERING (INSTRUMENTATIONS)

Universiti Teknologi Mara (UiTM), Dungun

- Final CGPA : 2.70 — 2010-2013

SIJIL PELAJARAN MALAYSIA (SPM)

Sekolah Menengah Teknik (SMT), Seri Iskandar

- Science Stream — 2008-2009

ACHIEVEMENT

1. **Dean List Awards Semester 2 2014/2015**
2. **Graduate certificate in Persatuan Seni Silat Cekak Malaysia (PSSCM) 2012**
3. **Winner Solar Car Race Competition at Perak Tengah 2008**
4. **Runner-up Solar Car Race Competition at Perak Tengah 2009**
5. **Third Place Futsal Competition 2009 Organized by Persatuan Seni Silat Cekak Malaysia (PSSCM)**
6. **Completing Program Latihan Khidmat Negara 2010**

FINAL YEAR PROJECT

DEGREE

Wireless Battery-less Computer Mouse Powered By Inductive Power Transfer (IPT)

- This project is designed to study about wireless computer mouse which using a standard USB power supply and eliminates the use of batteries completely.
- The AC current which flows through a disk coil embedded in a mouse pad were providing a time varying magnetic field that transfer power to a power pick-up coil located within the computer mouse, through magnetic induction.
- This power which was tuned-up and regulated by an advanced voltage control method- dynamic detuning control, has proven to be able to provide sufficient power to drive a wireless battery-less computer mouse.

DIPLOMA

Staff Name Electronic Display

- This project is designed to experiment and understand how PIC microcontroller can be effectively used to interface with external circuit and get data from and control external devices.
- The objective to design this project are to develop Staff Name Electronic Display prototype, to develop controller that can control the changing of Name, ID and availability staff in the room, to design long lasting device that can be used for everyone.

REFERENCE

MR, PRAJINDRA SANKAR KRISHNAN

- Email : Sankar@uniten.edu.my
- Contact Number : **03-89212020 Ext:7248**
- Department of Electronics & Communication Engineering of University Tenaga Nasional (UNITEN)

EXTRA CURRICULAR ACTIVITIES AND CAMPUS INVOLVEMENT

CLUB & ASSOCIATIONS

Persatuan Seni Silat Cekak Malaysia (PSSCM)

- Positions : Active Member
- 2009 – Present

IET Club

- Positions : Active Member
- 2014 – Present

ACTIVITY

1. **Seminar Pembangunan Mahasiswa 2014**
2. **Seorang sekampit beras**
3. **Coffee Talk Session with Denso**
4. **Ummah Talk 1.0**
5. **C- Talk by Petronas ICT**
6. **Career Talk by UEM Sunrise**
7. **Shell Graduate Program – Career Talk**
8. **Arduino Learning Workshop**
9. **Bersamamu di Firdaus**
10. **Tafaqun Fiddin**
11. **Ummah Talk January 2015**
12. **Tajwid Made Easy**
13. **PLC Workshop**
14. **Fit Siswa Run 2015**
15. **RTM Visit 2017**

ENGINEERING SUBJECTS

1. **Power System I & II**
2. **Circuit Analysis I & II**
3. **Mechanics I: Statics**
4. **Electronics Analysis & Design I & II**
5. **Principles of Programming**
6. **Signals & Systems**
7. **Electromagnetic Fields & Waves**
8. **Electrical Machines & Drives**
9. **Thermodynamics I**
10. **Control System I & II**
11. **Microprocessor Systems**
12. **Semiconductor Devices**
13. **Communication System**
14. **Digital Signal Processing**
15. **Data Communication and Network**
16. **Power Electronics**
17. **Process Control & Instrumentations**
18. **Electrical Installations**