



AINUN KHAIRIYAH BINTI TAIB

NO. 245 JALAN CEKAL 8,
TAMAN SRI LAMBAK,
86000 KLUANG, JOHOR
017-7115451
ainuntaib@gmail.com

I am a person who is eager to learn, hardworking and friendly. Excellent in working with others in a team and adapt to the surrounding easily. I am also a goal-oriented person who interested towards semiconductor industry.

EDUCATIONAL BACKGROUND

2016 – 2020: **Universiti Teknologi Malaysia, Johor**
Bachelor of Engineering (Electrical-Electronics)
Minored in **Microelectronics**
Current CGPA: 3.47

MAJOR COURSES SUBJECT

- ♦ Semiconductor Material Engineering.
- ♦ Semiconductor Device Engineering.
- ♦ Solid State Electronics.
- ♦ Microelectronic Device Fabrication & Characterization.
- ♦ Basic Digital VLSI.
- ♦ Ic Testing Techniques.
- ♦ Analog CMOS Ic Design.

PROJECTS EXPERIENCE

Final Year Project

- ♦ Simulation Study On Fully Depleted Silicon On Insulator (FD-SOI) MOSFET Channel Dimension Variation Using TCAD.

Capstone Showcase

- ♦ Circuit Lego

Basic Digital VLSI Design

- ♦ Designing 4-Bit Counter Using Mentor Graphic

Microprocessor

- ♦ Displaying Matric Number Using Atmel Studio

2015 – 2016: **Kolej Matrikulasi Johor**
Science (Module II)
CGPA: 4.00

SKILLS AND LANGUAGE

- ♦ Skilled in Microsoft Office (Words, Excel, PowerPoint) and fluent with internet/e-mail.
- ♦ Access familiar with software tools likes:
 - ♦ Pspice, NI Multisim, Quartus II, Dev-C++, Atmel Studio, Mentor Graphics, MATLAB, AutoCAD, Synopsys Sentaurus TCAD, QuantumATK.
- ♦ Language Proficiency:
 - ♦ Fluent in Malay | Good in English | Beginner in Mandarin

WORK HISTORY

- Jun 2019 – **Internship Student**
Aug 2019: **Perunding EXEC (Mechanical & Electrical Consultant Engineers)**
- ♦ Management (do filing, sorting & answering calls.)
 - ♦ Prepare Bill of Quantities & Interim Claim.
 - ♦ Prepare letter to authority (TNB, TM, BOMBA, SAJ).
 - ♦ Learn basic drawing & electrical plans in AutoCAD.
 - ♦ Attending meeting & site visit with contractor, client and other consultants.

AWARD & ACHIEVEMENT

- ♦ Dean's List Semester 1 (3.71) GPA
- ♦ Dean's List Semester 2 (3.72) GPA

EXTRA CURRICULAR ACTIVITIES

- ♦ Secretary Agung of Jawatankuasa Kolej Mahasiswa Kolej Tuanku Canselor (JKMKTC) Session of 2018/2019.
- ♦ Secretary Kerja of Jawatankuasa Kolej Mahasiswa Kolej Tuanku Canselor (JKMKTC) Session of 2017/2018.
- ♦ Member of Module Activity Unit in "Program Jelajah Matahari Terbit (JMT)" to Japan, 2019
- ♦ Crew in Minggu Mesra Mahasiswa (MMM) Session 2018/2019
- ♦ Crew in Minggu Mesra Mahasiswa (MMM) Session 2017/2018
- ♦ Secretary of Unimaker Makeathon Challenge, 2019
- ♦ Secretary of 2018 Johor Impact Challenge collaborate with CREST
- ♦ Participate in Program Membina Kerjaya Bersama Usahawan Takaful Al-Isra, 2018
- ♦ Head of Sponsorship Unit in Adrenaline Run, 2017.
- ♦ Volunteer in Program Amal Kemanusiaan Sejahtera Istimewa (PAKSI): HOPE FOR HUMANITY, 2017.
- ♦ Head of Food & Beverage Unit in Annual Grand Dinner JKMKTC, 2017

REFERENCES

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| ♦ Academic Advisor
Assoc. Prof. Ir Dr Rubita Sudirman
School of Electrical Engineering,
Faculty of Electrical Engineering,
Universiti Teknologi Malaysia,
81310, Johor Bahru, Johor.
Email: rubita@fke.utm.my | ♦ Supervisor Final Year Project
Dr. Zaharah Johari
School of Electrical Engineering,
Faculty of Electrical Engineering,
Universiti Teknologi Malaysia,
81310, Johor Bahru, Johor.
Email: zaharahj@utm.my |
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