

RESUME

PERSONAL DETAILS

Full Name : M. Diyar Yasin
Birth Date & Place : Pekalongan, 11 August 1995
Religion : Islam
Current Address : Kawaluyaan II Street no.99, Cidurian Utara, Bandung
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PERSONAL SUMMARY

I am a student in electrical engineering programs, who have high academic grades, experience in engineering projects and actively work in organizations.

I am looking for opportunity to learn new knowledge, experience in professional works in my field of interest. I have high initiative and making good work both individually and in a team.

FORMAL EDUCATION

2014 - present

University : Institut Teknologi Bandung (ITB)
Faculty : School of Electrical Engineering and Informatics (STEI)
Major : Electrical Engineering (ABET accredited)
GPA : 3.78/4.00 (as the end of 6th semester, 118 credits)

Expected Graduation in July 2018.

2010-2013

School : Senior High School 01, Pekalongan

PERSONAL INTERESTS

Field of Interest

Robotics, Computer System, Electronics (Microprocessors, Embedded System, IC Design).

Hobby

Reading, Badminton, Travelling.

Personality

Discipline, Responsibility, Analytical, High initiative, High curiosity to learn something new, Good time management, Good work both individually and in a team, Thinking, Able to adapt in new social environment.

SKILLS

Language Proficiency

English : Advanced Proficiency (C1)

Indonesia : Maternal Language

Programming Language

C, C++, Pascal, Haskell, VHDL, MATLAB, Javascript

Hardware

Raspberry Pi, Arduino, Odroid XU-4, Altera Cyclone FPGA Series, ATMEL ATmega Series, Analog Devices Blackfin DSP Processor.

Software

Altium Designer, Proteus, Code Vision AVR, Mathworks MATLAB, SPICE, National Instrument Multisim, Altera Quartus, PCSpim, Solidwork, Autodesk Inventor, Lego Mindstorm EV3, Roboplus, Audacity, Adobe Audition, CorelDraw, Microsoft Office.

PROFESSIONAL EXPERIENCE**Lecturer and Laboratorium Assistant**

2017-present	Lecturer Assistant of Electromagnetics Course. 60 students, 5 months.
2015-2016	Laboratorium Assistant of Fundamental Physics. 80 students, 4 months.

Intenship Program

June 2017-present	Intern at PT. Paragon Technology and Innovation, as office engineer 2 months.
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PROJECTS

June 2017	PT. Paragon Technology and Innovation : Rejector Sticker Inspection, reject cosmetics container without sticker, using mini PC, camera, and library openCV.
May 2017	Instrumentation System Course : Rotational Angle Sensor using MPU-6050, Arduino, LCD display, and software Processing.
May 2017	Microprocessor System Course : Signal Generator, using Arduino, DAC, lowpass filter, LCD display, and potentiometer.
April 2017	Instrumentation System Course : Angle Detector using Arduino and Ultrasonic Sensor, and LCD display.
April 2017	Microprocessor System Course : Analog System Control, using ATmega328, op-amp, and motor-DC.
April 2017	Microprocessor System Course : Digital Clock, using ATmega328, interrupt, and C++ language.
December 2016	Computer System Architecture Course : MIPS32 single cycle design using VHDL.
November 2016	Digital Signal Processing Course : IIR filter design using spreadsheets and MATLAB, implementation using DSP board blackfin BF561EZ.
November 2016	Electronics II Course : Design feedback amplifier using op-amp.
May 2016	Electronics I Course : Two stage amplifiers design using MOSFET.
December 2015	Digital Systems : Calculator application using FPGA Board Cyclone III.
March 2015	Introduction to Engineering and Design II Course : Made game application for android using GameSalad.

HONOR AND AWARDS

2016-present	Recipient of Tanoto Foundation Scholarship.
December 2016	Finalist of Sprint Category in Federation of International Robosoccer Association (FIRA) Humanoid Robot Cup, Beijing, China.
November 2016	Best Design and Best Idea, Fixed Wing Category, Indonesia Flying Robot Contest.
November 2016	Recipient of League Achievements Awards, Institut Teknologi Bandung.
September 2016	Recipient of The Next Generation Awards, General Electric Company Indonesia.

<i>Juny 2016</i>	<i>top 6 of Humanoid Robot Soccer, Humanoid Robot Soccer Competition, Indonesia.</i>
<i>October 2016</i>	<i>1st Winner of Badminton Cup Olympiad, Institut Teknologi Bandung.</i>
<i>April 2016</i>	<i>3rd Winner of Humanoid Robot Soccer Competition, Regional 2, Indonesia.</i>
<i>September 2015</i>	<i>1st Winner of Scientific Papers, Informatics Race, Indonesia.</i>
<i>February 2015</i>	<i>top 10 of essay competition "Forest for Future Energy", Indonesia.</i>

ORGANIZATIONS

<i>2016-present</i>	<i>Head of Electrical Division of Humanoid Robot Soccer Team, University Student Robotics Team (URO), Institut Teknologi Bandung.</i>
<i>2016-present</i>	<i>Head of Social Relationship Department, establish guided village in Garut, Tanoto Scholars Association.</i>
<i>2015-2016</i>	<i>Staff of System Division, focus on fixed wing aircraft, Unmanned Aerial Vehicle Team, Aksantara, Institut Teknologi Bandung.</i>
<i>2015-2016</i>	<i>Senior staff of Minister of Entrepreneurship, Electrical Engineering Student Association (HME), Institut Teknologi Bandung.</i>
<i>2015-2016</i>	<i>Staff of Crew Resource Development Department, University Student Robotics Team (URO), Institut Teknologi Bandung.</i>

PAPERS PUBLISHED

<i>December 2016</i>	<i>"Analysis of Footstool's Area for Center of Mass" Federation of International Robosoccer Assocation (FIRA), Beijing, China.</i>
<i>Juny 2016</i>	<i>"Design and Implementation Humanoid Robot Soccer Dago Hoogeschool in Kontes Robot Sepakbola Indonesia 2016" Ministry of Research, Technology, and Higher Education, Indonesia.</i>
<i>April 2016</i>	<i>"National Medical Resume (NMR), Online Health Resident Notes of Indonesia with Security Systems Based on Logic" Ministry of Research, Technology, and Higher Education, Indonesia.</i>