Lampiran 1 : *Complete Resume*

BANGSA EDWIRANDA
ELECTRICAL ENGINEERING STUDENT

PROFILE

Name	: Bangsa Edwiranda,
Birth, Born	: Batam, 8 May 1996,
Religion	: Islam,
Nationality	: Indonesia,
Hobby	: Reading, playing chees, guitar,football
Personality	: Responsibility, high initiative, discipline, analitycal, fast adaptation, critical thinking, good time management, good teamwork.

CONTACT

ADDRESS	Permanent : Ulu Gadut Street No.1, Pauh, Padang Current : Tubagus Ismail Dalam Street No.21D, Coblong, Bandung
E-MAIL	bedwiranda@gmail.com
PHONE	087792378898

SKILLS

Programming Languange	: Pascal, Haskell, C, C++, VHDL, MATLAB,
Hardware	: Altera Cyclone FPGA Series, Arduino Microcontroller, Nucleo Microcontroller, ATMEL ATMega Series, Blackfin DSP Processor, Oscilloscope, And Other Electrical Component And System,
Software	: Altium Designer, Proteus, Multisim, MATLAB, Spice, Microsoft Office, Photoshop, CorelDraw,
Field Of Interest	: Electronics IC Design, Embedded System, Control System, Robotics, Computer System.

CREATIVE
● ● ● ● ● ● ● ● ● ○

TEAMWORK
● ● ● ● ● ● ● ● ○ ○

INNOVATE
● ● ● ● ● ● ● ● ● ○

COMMUNICATION
● ● ● ● ● ● ● ● ● ○

EDUCATION

● **UNDERGRADUATE** // 2014 - Present
INSTITUT TEKNOLOGI BANDUNG (ITB)

Faculty	: School of Electrical Engineering and Informatics (STEI)
Major	: Electrical Engineering (ABET accredited)
GPA	: 3.93/4.00 (as the end of 5th semester, 95 credits)

● **SENIOR HIGH SCHOOL** // 2011 - 2014
SHS 10 PADANG

ORGANIZATIONS

● **University Student Robotics Team,ITB //2016-Present**
- Head of Electrical Division of Mobile Robot Team
- Head of Open-House Unit Event
- Head of Business Entity and Sponsorship Department
- Staff of Mechanical and Electrical Research Mobile Robot Team

● **Electrical Engineering Student Association //2015-Present**
- Vice Minister of Academic and Creation Ministry
- Head of Sharing-KP Event
- Staff of Sharing-TA Event
- Head of Manufacture,Design, and Solution of So Called 'Bundel Soal Elektroteknik'

PROJECTS

● **End Semester Projects**
- Design of Two Stage Amplifier using MOSFET (Electronics 1 Course)
- MIPS32 Single Cycle Design using VHDL (Computer System Architecture Course)
- Square Root Machine Design using FPGA with VHDL languange (Digital System Course)
- Design of Filter using DSP Board Blackfin BF56EZ (Digital Signal Processing Course)

● **Being Developed**
- Design of Solenoid Kicker for Mobile Soccer Robot Team
- Design of Locomotion Method using Path Planning for Mobile Robot
- Research of Algorithm for Speed and Motion Control of Soccer Robot

AWARDS

● Competition
- 1st Winner of Mathematical Competition in Andalas University,Padang.
- 1st Winner of Physics Competition in Andalas University,Padang,
- 1st Winner of Chemistry Group Competition in Andalas University,Padang,
- 4th Winner of Physics Competition in Padang State of University
- 2nd Winner of Mathematical Competition in STAIN, Padang,

● Others
- Recipient of Student Achievment Program from Padang Government

Lampiran 2 : Transkrip Nilai sampai dengan akhir semester 5

INSTITUT TEKNOLOGI BANDUNG
SEKOLAH TEKNIK ELEKTRO DAN INFORMATIKA
Jalan Ganesha 10 Bandung 40132 Telp. (022) 2502260, (022) 4254028 Fax. (022) 2534222

LAPORAN KEMAJUAN STUDI

Nama	:	Bangsa Edwiranda
NIM	:	13214002
Tempat, Tgl. Lahir	:	Batam, 8 Mei 1996
Tahun Masuk ITB	:	2014
Fakultas/Sekolah	:	Sekolah Teknik Elektro dan Informatika
Program Studi	:	Sarjana Teknik Elektro

Semester 1

Kode	Mata Kuliah	SKS	Nilai
MA1101-13	Matematika IA	4	A
FI1101-13	Fisika Dasar IA	4	A
KI1102-13	Kimia Dasar IB	2	A
KU1101-13	Pengantar Rekayasa & Desain I	2	A
KU1072-13	Pengenalan Teknologi Informasi B	2	B
KU1021-13	Bahasa Inggris: Pemahaman Teks Akademik	2	A
KU1001-13	Olah Raga	2	A

Semester 2

Kode	Mata Kuliah	SKS	Nilai
MA1201-13	Matematika IIA	4	A
FI1201-13	Fisika Dasar IIA	4	A
KI1202-13	Kimia Dasar IIB	2	A
KU1201-13	Pengantar Rekayasa & Desain II	2	A
KU1011-13	Tata Tulis Karya Ilmiah	2	A
EL1200-13	Pengantar Analisis Rangkaian	2	A
IF1210-13	Dasar Pemrograman	2	A

Semester 3

Kode	Mata Kuliah	SKS	Nilai
EL2001-13	Rangkaian Elektrik	4	A
EL2101-13	Praktikum Rangkaian Elektrik	1	A
EL2002-13	Sistem Digital	4	A
EL2102-13	Praktikum Sistem Digital	1	A
EL2003-13	Struktur Diskrit	3	A
EL2004-13	Probabilitas & Statistika	3	A
MA2072-13	Matematika Teknik I	3	A

Semester 4

Kode	Mata Kuliah	SKS	Nilai
EL2005-13	Elektronika	3	B
EL2205-13	Praktikum Elektronika	1	A
EL2006-13	Medan Elektromagnetik	3	AB
EL2007-13	Sinyal & Sistem	3	A
EL2008-13	Pemecahan Masalah dengan C	3	A
EL2208-13	Praktikum Pemecahan Masalah dengan C	1	A
MA2074-13	Matematika Teknik II	3	A

Semester 5

Kode	Mata Kuliah	SKS	Nilai
TI3005-13	Organisasi & Manajemen Perusahaan Industri	2	A
EL3009-13	Elektronika II	3	A
EL3109-13	Praktikum Elektronika II	1	AB
EL3010-13	Pengolahan Sinyal Digital	3	A
EL3110-13	Praktikum Pengolahan Sinyal Digital	1	A
EL3011-13	Arsitektur Sistem Komputer	3	A
EL3111-13	Praktikum Arsitektur Sistem Komputer	1	A
EL3012-13	Material Teknik Elektro	3	A

Semester 7

Kode	Mata Kuliah	SKS	Nilai
KU2061-13	Agama dan Etika Islam	2	A

Semester 8

Kode	Mata Kuliah	SKS	Nilai
KU2071-13	Pancasila dan Kewarganegaraan	2	A
BI2001-13	Pengetahuan Lingkungan	2	A

Keterangan: A (4): Sangat baik, AB (3,5): Antara baik dan sangat baik, B (3): Baik, BC (2,5): Antara baik dan cukup, C (2): Cukup, D (1): Kurang atau hampir cukup

SKS	:	95
Indeks Prestasi (IP)	:	3,93

Diterbitkan di	:	Bandung
Tanggal	:	24 Januari 2017

Ketua Program Studi Sarjana Teknik Elektro

Dr. Arif Sasongko, ST,MT
NIP 197610252006041001