

SABDHA MUHAMAD BAGDJA MANGGALA

+6282211746206 | sabdhamuhamadbagdja@gmail.com | linkedin.com/in/sabdhamuhamadbm

Bekasi Regency, West Java 17520

Graduated from the Faculty of Electrical Engineering Telkom University, with a Bachelor of Electrical Engineering Degree. As a fresh graduate with an engineering background, I can work well in a team environment also can adapt to challenging and responsible situations. Extremely motivated to constantly develop my skills and grow professionally. I have good leadership, good communication, critical thinking and good problem solving. Have an interest in embedded systems, control systems, system analysis, Internet of Things, electronics design and renewable energy.



Education

Telkom University - Bandung, Indonesia

Bachelor Degree in Electrical Engineering, GPA **3.02** / 4.00

Thesis Title: DESIGN OF PORTABLE DROUGHT MEASURING FOR TEA PLANT

Aug 2017 - Mar 2022

- Make the monitoring systems and designing portable drought rate measuring devices on tea plants at Telkom University and PPTK Gambung Joint Project.

Professional Experience

Kantor Sentral Pengolahan Pos (Internship) – Yogyakarta, Indonesia

Special mail processing post office, SPP Yogyakarta (55400) is a postal service unit in sorting and shipping goods regionally.

General Support Assistant

- Check the goods received in accordance with the customer's purpose and communicate well to the customer.
- Validate the number of shipments, check the condition of the shipment, sort the shipment, and put the postal shipment into the bag up to labeling.
- Handling postal shipments, which starts from the receipt of the postal bag from the processing section, matching the number of shipments received, checking the condition of the shipment bag, grouping the shipment bags.
- Create a Delivery Order (DO) from each sender and the implementation of the delivery of the shipment to the recipient.
- Check the report of between successful delivery or failed delivery by updating the status to the I-POS application.

Jun 2019 - Jul 2019

PT. Wibawa Cahaya Utama (Internship) – Jakarta, Indonesia

A company that has a start-up called Visi Technovation based on technology that focuses on developing technologies to improve energy efficiency and renewable energy.

Product Development

- Build a smart socket for the project.
- Survey components and provide reports on the price and quality of components for smart socket needs.
- Successfully assemble components according to the needs of the project for smart sockets.

Jun 2020 - Jul 2020

Organizational Experience

Family of Rain City (FORCY) – Bogor, Indonesia

Staff of Food and Healthy Team Division

- Prepared all the consumptions for the event.
- Provide first aid equipment for health service during the event.
- Collecting source of funds from committee of FORCY.

Mar 2018 - Jan 2019

Quality Time of Teknik Elektro 2018 – Bandung, Indonesia

Staff of Event Creator Division

- Organize and create QUOTE events.
- Maintain the flow of organizational events until get the final goals.

Feb 2019 – Nov 2019

Quality Time of Teknik Elektro 2019 – Bandung, Indonesia

Sep 2020 - Mar 2021

Staff of Field Coordinator Division

- Shaping the knowledge, spirit of leadership, soul of solidarity, and mental participants of 2019 generation.
- Regeneration of the organization.

KMTE Graduation Parade April 2019 – Bandung, Indonesia

Mar 2019 - Apr 2019

Staff of Public Relation Division

- Contact graduates to provide information related to graduation parades.
- Contact electrical engineering students by conducting socialization regarding graduation parade information.
- Become a delegate to a discussion forum with BEM University to discuss the rules and paths of the graduation parade.

Admission of Electrical Freshmen 2019 – Bandung, Indonesia

Jul 2019 - Aug 2019

Staff of Fund and Consumption Division

- Find funds by selling food to buy event needs during the event.
- Find and prepared consumption during the event.
- Successfully collected funds needed for the event.

Elektro Supporter Trust (ELTRUST) 2019 – Bandung, Indonesia

Mar 2019 - Feb 2020

Staff of Field Coordinator Team

- Lead and guide supporters.
- Successfully won the award as the best support at Fate UNPAD 2019.

Keluarga Mahasiswa Teknik Elektro (KMTE) – Bandung, Indonesia

Feb 2019 – Feb 2022

Chairman of the 2017 generation.

- As a communicator between generations to solve problems.
- Internally organizing the 2017 generation.
- Create internal events to increase solidarity and sense of family the 2017 generation.
- Record and distribute the problematic 2017 generation in the academic field to join the study group.
- Convey information from seniors, lecturers and outside communities in academic and non-academic fields.
- Help solve individual problems in the 2017 generation in academic and non-academic fields.
- Creating and leading the deliberations of the 2017 generation.

Society of Renewable Energy (SRE) – Bandung, Indonesia

Oct 2020 - Jul 2021

Staff of Academic Department

- Organize Coaching Clinic as sharing knowledge medium.
- Preparing the theme for the poster competition.
- Prepare webinar materials for SRE grand launching.

Skills, Achievements & Other Experience

- **Community Service with Lecturers** (Nov 2020): Have experience in community service activities with the title One Day Workshop: "Designing Arduino-based Electronic Devices and the Internet of Things" at SMP Negeri 2 Padalarang.
- **Modules Taken** (Jan 2021): Successfully completing Introduction to Data Science with R class or challenge by DQLab.
- **Modules Taken** (Jan 2021): Successfully completing Python for Data Professional Beginner – Part 1 class or challenge by DQLab.
- **Modules Taken** (Jan 2021): Successfully completing R Fundamental for Data Science class or challenge by DQLab.
- **Modules Taken** (Issued Mar 2021 – Expires Mar 2023): Successfully completing Basic CSS class or challenge by Skilvul.
- **Modules Taken** (Issued Mar 2021 – Expires Mar 2023): Successfully completing Basic HTML class or challenge by Skilvul.
- **Modules Taken** (Issued Mar 2021 – Expires Mar 2023): Successfully completing Basic JavaScript class or challenge by Skilvul.
- **Certificate**: Fire Safety Awareness & Electrical Safety Awareness (Jun 2022).
- **Microsoft Application**: Microsoft Word, Microsoft Excel, Microsoft Powerpoint.
- **Programming Language**: C, Basic Python, Basic Web Develop (HTML, CSS, and JavaScript).
- **Other**: Electronics Design, Embedded System, Solar Panel, Arduino IDE, Basic MATLAB, Sketch Up 3D, Internet of Things (IoT).
- **Soft Skills**: Adaptable, Fast Learner, Problem Solving, Critical Thinking, Leadership, Excellent Attitude, Responsible, Team Work, Systematic, meticulous.
- **Project**: <https://github.com/sabdhamuhamad>