

BELLA TRI JULIANA

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<https://www.linkedin.com/in/bellatrijuliana>

As a graduate in electrical engineering education, she brings a strong foundation in technical principles. With over a year of experience in data analysis and project management, she has demonstrated her ability to tackle complex challenges and consistently deliver high-quality results. Her two years of teaching experience have honed her skills in effective communication, fostering collaborative teamwork, and simplifying complex technical concepts for diverse audiences. She is committed to achieving excellence and enthusiastic about joining the Leader Acceleration Development Program (LADP) to unlock her leadership potential and create a transformative impact on the retail industry.

EDUCATION

UNIVERSITAS PENDIDIKAN INDONESIA

Bachelor Degree

Bandung, Indonesia

Sep 2019 - Aug 2023

Major in Electrical Engineering of Education; Minors in Industrial Electronics Engineering

Cumulative GPA: 3.8/4.0; First Outstanding Student at the Electrical Engineering Education Study Program in 2022; Top 5

Outstanding Students at the Faculty of Technology and Vocational Education UPI in 2022; Best Graduates at Study Program in August 2023

EXPERIENCES

IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEER) UPI

Bandung, Indonesia

Robotics Instructor and Research Assistant

Oct 2022 - Aug 2023

- Assisted in designing and developing a robotics course curriculum that resulted in a 37% improvement in students' understanding of control systems and robot programming (through pre and post-tests).
- Provided training to 300+ students to integrate technology and robotics concepts and enhance students' competency in learning.
- Prepared comprehensive research reports and technical documentation, ensuring accurate and concise representation of data analysis; reports utilized by stakeholders to drive evidence-based decision-making.

INDONESIA UNIVERSITY OF EDUCATION

Bandung, Indonesia

Control Systems Assistant Lecturer

Aug 2021 - Jun 2023

- Crafted engaging teaching materials and evaluation tests by delivering constructive feedback to students, resulting in a 30% increase in exam scores and a 38% improvement in overall students satisfaction.
- Entrusted to be a teaching assistant, teaching 120+ students for 3 semesters.

STECHOQ ROBOTIKA INDONESIA Inc.

Sleman, Indonesia

Software Engineering and Project Management Apprenticeship (Remote)

Sep 2022 - Jan 2023

- Led a classroom project management team and collaborate with cross-functional teams to keep projects running according to set deadlines and objectives.
- Conducted research, product planning, developed business model canvas, cost budget design, and BEP (break-even point) analysis.
- Presented periodic reports to management and interested parties, and created complete technical documentation.

SYERGIE INDO PRIMA Inc.

Bandung, Indonesia

Software Developer Intern

Jun 2022 - Aug 2022

- Design, develop, and test software applications for inventory management, and responsible for the Front End of the application.
- Designed algorithms for inventory management process optimization, i.e. real-time monitoring and updating of item data.
- Developed automation features to improve operational efficiency, such as barcode scanning on items and stock count alerts.

MICROSOFT INDONESIA Inc.

Jakarta, Indonesia

Data and Artificial Intelligence Apprenticeship (Remote)

Aug 2021 - Dec 2021

- Experienced in data cleaning processing and analyzing data to identify patterns, trends, and insights using Azure Machine Learning.
- Identified and implemented AI solutions that optimize operational efficiency according to company needs.
- Designed and developed data visualization dashboards and reports in Power BI that enable real-time monitoring.

ACTIVITIES

E-LEARNING

Speaker

Oct 2022

- Designed and compiled basic mathematics learning materials and trained students' learning motivation and interest in Basic Mathematics courses.
- Develop oral and written communication skills in explaining material concepts effectively and clearly.
- Provided additional support to participants who needed further assistance, helping them to achieve success on math quizzes.

MICROSOFT BERPIJAR

Small and Medium Enterprise Training Mentee

July 2022 – Oct 2022

- Learn project management and resource management skills applied in a real-world Small and Medium Enterprise scenario.
- Participated in team collaboration with other mentees to identify and address operational challenges.

ELECTRICAL ENGINEERING STUDENTS ASSOCIATION UPI

Bandung, Indonesia

Secretary of Welfare and Service Division - Social and Political Division Staff

Sep 2020 - Jun 2021

- Organize the administration process and compile work program reports.
- Led the advocacy division in the HME Care work program and was responsible for the advocacy process from department to university level.
- Experienced as moderator and Master of Ceremony in several work programs attended by 300+ participants.
- Experienced in leading the public relations division and events division in several work programs.

ADDITIONAL

Licenses and Certifications: BNSP Certificate of Competency Junior Technician Industrial Automation | Microsoft Certified: Azure Data Fundamental, Azure AI Fundamental, Power Platform Fundamental, Dynamics 365 ERP Fundamental | Cisco CyberOps Associate | AWS Cloud Foundation and Developing

Technical Skills: PowerBI | Azure | PowerApps | Festo Fluidsim | CoppeliaSim | Proteus | PC Worx | Twidosoft | CX Programmer | PSIM | Visual Studio Code | Matlab | C++ | Python | SPSS | RStudio | HTML & CSS

Language: Bahasa Indonesia (native or bilingual proficiency) | English (intermediate-limited working proficiency)

Interest: Industrial Automation | Lean Manufacturing | Quality Management System | Business Development | Data Analysis