

HERLAMBANG SETIAJI

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EDUCATION

Universitas Gadjah Mada – Yogyakarta, Indonesia <i>Bachelor's Degree in Mechanical Engineering</i>	Aug 2018 – June 2023
• GPA: 3.45 of 4.00 [transcript]	
• Thesis: Effect of Nozzle Temperature and Print Angle on The Tensile Properties and Inter-Layer Adhesion Strength of PETG 3D Printing	
• Relevant Coursework: Materials, Metallurgy, Materials for Manufacture (Composites, Polymers and Ceramics), Computer-Aided Design (CAD), Quality Function Deployment (QFD), Failure analysis, Surface Engineering, Turbine, Pipes and Compressors.	

PROFESSIONAL EXPERIENCES

PT. Global Jet Express – Yogyakarta, Indonesia <i>Staff Audit</i>	May 2025 – Aug 2025
• I have conducted audits and improvements to the operational system, financial management at the drop point outlet.	
PT. PLN PUSLITBANG – Yogyakarta, Indonesia <i>OJT Junior Mechanical Engineering</i>	Feb 2025 – May 2025
• I have helped design technical testing and conducted testing of emergency tower products in accordance with IEEE standards.	
CV. Karya Hidup Sentosa (QUICK) – Yogyakarta, Indonesia <i>Head of Research and Testing Section</i>	Oct 2023 – Jan 2025
• I have developed a method for mechanically testing transport tractor products manufactured by CV.KHS.	
Badan Pengembangan Teknologi Tepat Guna (BPTTG) – Yogyakarta, Indonesia <i>Mechanical Engineering Intern</i>	June 2022 – July 2022
• I have developed and made a 3-dimensional design of a pedicab in accordance with the Regional Regulations (PERDA) of the Special Region Province of Yogyakarta No. 5 Year 2016 using solidworks and inventor software.	
• I have made finite element analysis using solidworks software application.	
Kajian Lembaga Kerjasama Fakultas Teknik (LKFT) UGM – Yogyakarta, Indonesia <i>Junior Mechanical Engineering Technician</i>	Mar 2021 – Aug 2021
• I have completed 2 RCFA projects in the reboiler and absorber sections over 4 months.	
• I have been tasked with collecting data personally or with third parties in accordance with the research leader's directions.	
Research Project Wind Tunnel – Yogyakarta, Indonesia <i>Assistant</i>	Jun 2019 – May 2020
• I have helped develop the wind tunnel research project and the solar power plant project in the coastal area of Samas, Bantul, Yogyakarta.	
Lembaga Bimbingan Belajar – Yogyakarta, Indonesia <i>Physics and Mathematic Mentor</i>	July 2019 – June 2023
• Be an active part in helping to educate the nation. Have experience working with more than 4 tutoring institutions.	
• Provides private tutoring with more than 20 students.	

LEADERSHIP AND ORGANIZATIONAL EXPERIENCES

Keluarga Mahasiswa Teknik Mesin UGM (KMTM-UGM) – Yogyakarta, Indonesia <i>Chief Financial Officer (CFO)</i>	Dec 2020 – Dec 2021
• Experienced in managing organizational finances. Has successfully managed organizational funds with a total flow of funds of more than 200 million rupiah.	
Dies Natalis Teknik Mesin UGM ke 62 – Yogyakarta, Indonesia <i>Chief Financial Officer (CFO)</i>	May 2020 – Jan 2021
• Experienced in managing financial activities. Has successfully managed activity funds with a total flow of funds of more than 70 million rupiah for the initial capital of diesnatalis activities.	
Gadjah Mada Aerospace Team (GMAT) – Yogyakarta, Indonesia <i>Mechanic</i>	Nov 2020 – Nov 2021
• Experience with Autodesk Inventor and various manufacturing equipment. Has successfully designed and manufactured unmanned aircraft.	

ACHIEVEMENTS, VOLUNTEERING, & SKILLS

Achievements:

1st Champion in volley ball category at Teknisiade (sports tournament in engineering faculty). 2018 and 2019

Volunteering:

KKN PPM UGM 2021 as PIC of sponsorships; Volunteer blood donor with 6 times experience; Change activist as youth leader and mosque youth leader in the village; Active committee member in various activities such as: diesnatalis 2018 and 2019, for sponsorships, consumption, events; POR DTMI 2019 event activities and Technisiade 2019 in the events section; agent of change under the auspices of Dispora Sleman.

Skills:

Competencies	: Leadership, Project Management, Financial Reporting, Administration, Public Speaking, Manpower Planning, Strategic Sourcing, Procurement.
Technical Toolsets	: Google Workspace, Microsoft Office, Microsoft Excel, Autodesk Inventor, Solidworks, Manufacturing Tools.
Language	: Indonesia (native), English (middle).