

# HERLAMBAH SETIAJI

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## EDUCATION

**Universitas Gadjah Mada – Yogyakarta, Indonesia** Aug 2018 – June 2023  
*Bachelor's Degree in Mechanical Engineering*

- 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** May 2025 – Aug 2025  
*Staff Audit*

- I have conducted audits and improvements to the operational system, financial management at the drop point outlet.

**PT. PLN PUSLITBANG – Yogyakarta, Indonesia** Feb 2025 – May 2025  
*OJT Junior Mechanical Engineering*

- 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** Oct 2023 – Jan 2025  
*Head of Research and Testing Section*

- I have developed a method for mechanically testing transport tractor products manufactured by CV.KHS.

**Badan Pengembangan Teknologi Tepat Guna (BPTTG) – Yogyakarta, Indonesia** June 2022 – July 2022  
*Mechanical Engineering Intern*

- 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** Mar 2021 – Aug 2021  
*Junior Mechanical Engineering Technician*

- 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** Jun 2019 – May 2020  
*Assistant*

- 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** July 2019 – June 2023  
*Physics and Mathematic Mentor*

- 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** Dec 2020 – Dec 2021  
*Chief Financial Officer (CFO)*

- 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** May 2020 – Jan 2021  
*Chief Financial Officer (CFO)*

- 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** Nov 2020 – Nov 2021  
*Mechanic*

- Experience with Autodesk Inventor and various manufacturing equipment. Has successfully designed and manufactured unmanned aircraft.

## ACHIEVEMENTS, VOLUNTEERING, & SKILLS

**Achievements:**  
1<sup>st</sup> 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).