

ALI ISMAYILLI

+994 70 789 52 87 | ismayilliali25@gmail.com | [linkedin.com/in/ali-ismayill](https://www.linkedin.com/in/ali-ismayill) | github.com/mechanic-ali | <https://3dmech.tech/>

PROFESSIONAL SUMMARY

3rd-year Mechanical Engineering student at Baku Engineering University. Skilled in SolidWorks, AutoCAD, and engineering analysis. Interested in maintenance, reliability, rotating equipment, and industrial automation. Seeking an internship opportunity in engineering projects.

EDUCATION

Baku Engineering University (Bakı Mühəndislik Universiteti)

Bachelor of Mechanical Engineering (English Medium) | 2023 - 2027 | GPA: 81.4/100

Key Courses: Heat Transfer | Machine Design | Automation Fundamentals | Thermodynamics
| Manufacturing Technology

TECHNICAL SKILLS

Software: SolidWorks, AutoCAD, MS Excel, Blender, SketchUp, Solid CAM, Ansys

Automation & Digital: Automation Fundamentals, Engineering Calculations, 3D Modeling, Technical Drawing

C Programming

ENGINEERING PROJECTS

Four-Bar Mechanism Analysis

- Designed and analyzed a complete four-bar linkage mechanism for mechanical motion transmission
- Calculated displacement, velocity, and acceleration characteristics using analytical methods
- Produced detailed engineering drawings and assembly documentation in SolidWorks

CAD Design Portfolio

- Developed multiple mechanical components and assemblies using SolidWorks and AutoCAD
- Created manufacturing-ready technical drawings with GD&T annotations
- Applied reverse-engineering techniques to existing mechanical systems and industrial equipment

Engineering Laboratory Analysis

- Conducted experiments in heat transfer, materials science, mechanics, and manufacturing processes
- Performed engineering calculations, data analysis, and technical reporting
- Interpreted experimental results using thermodynamics and heat transfer principles

KEY ACADEMIC ACHIEVEMENTS

Heat Transfer - 97/100 | Machine Design - 96/100 | Thermodynamics - 93/100

"Bebras" International Contest on Informatics and Computational Thinking (III place) - ADA University, 2017

INTERESTS & TARGET SECTORS

Maintenance Engineering | Reliability Engineering | Rotating Equipment | Industrial Automation | Hydraulic Systems

CERTIFICATIONS

Future Engineers Scholarship Program - Mechanical Engineering Course | Azerbaijan Engineers Union | Mar 2026 - May 2026

LANGUAGES

Azerbaijani : Native | Turkish : Fluent | English : Upper-Intermediate