

Jhonny Joseph Hrayki

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Location: Rasmaska, Lebanon

Education

Notre Dame University – Louaize (NDU), Lebanon

B.E. in Mechanical Engineering (Expected 2027)

Technical Skills

CAD: SolidWorks (Intermediate – parts & assembly)

CFD: SimScale, MATLAB (Beginner)

Programming: MATLAB, Python, ROS2 (Beginner)

Tools: Microsoft Word, Excel, PowerPoint

Projects

V6 Engine Design (SolidWorks)

- Designed and assembled a detailed V6 engine including pistons, crankshaft, and camshaft.

CFD Simulations (SimScale & MATLAB)

- Bobsleigh 2D airflow simulation analyzing drag and flow behavior.
- Cyclone filter simulation.
- Truck aerodynamics simulation evaluating airflow patterns.

Experience

Mechanical Engineering Intern – GOMECO (Summer 2025)

Languages

Arabic (Native), English (Fluent), French (Basic)

Certifications

Certified SolidWorks Associate (CSWA)

