

JULIAN KAMINSKI

Based in Sligo, Ireland | Available for internships worldwide

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EDUCATION

2024 - Present **ATU Sligo, Ireland**

Mechanical Engineering Honors

2018 - 2024 **Coola Post Primary School**, Riverstown
Final Grade - 513 points

2011 - 2018 **St. John's National School**, Sligo

SKILLS

Hard skills:

- 3D printing
- AutoCAD, CAD design & technical drawing (including GD&T)
- Basic engine tuning & mechanical assembly
- CATIA & SolidWorks (Proficient)
- Coding: C++ & Python (Intermediate)
- Diagnostics, fault-finding & technical troubleshooting
- Engine component familiarity
- Fluidsim (pneumatics & hydraulics)
- Maintenance processes & mechanical design (tool design, material selection)
- Matlab/Simulink and ADAMS environments
- Mechanical measurement (clearances, piston ring gaps, torque, etc.)
- Microsoft Office (Word, Excel, PowerPoint)

Soft skills:

- Ability to work under pressure
- Detail-oriented & well-organised
- Proactive mindset & strong initiative
- Strong work ethic & initiative
- Teamwork & communication

PROFESSIONAL SUMMARY

Mechanical Engineering student at ATU Sligo with hands-on experience in CAD design, mechanical assembly, and small-engine work. I've designed a 3D-printable valve adjustment tool and started a small-engine conversion project. I also work on building and repairing motorcycles in my own time. Industry experience at G.Bruss (VW Group supplier) has given me exposure to precision manufacturing. Confident with SolidWorks, CATIA, and experienced with C++/Python.

WORK EXPERIENCE

06.2025 - 08.2025 **Internship / Machine Operator,**
G.Bruss GmbH Dichtungstechnik, Sligo

Main duties (Bazler Operator)

- Operate and monitor machines to meet high-speed production targets.
- Load/unload materials and perform quality checks on products.
- Adjust settings, fix minor faults, and report major issues.
- Keep machines clean and do basic maintenance.
- Record output, downtime, and inspections.
- Follow safety rules and stay alert during fast-paced night operations.

04.2025 - 06.2025 **Shop Assistant/Warehouse staff,** Dunnes
09.2024 - 01.2025 Stores, Herimano Euro Limited, The Range,
12.2021 - 12.2021 Sligo

Main duties:

- Maintained organised stock levels and replenished merchandise.
- Ensured a clean and safe environment through regular cleaning.
- Collaborated with team members to achieve shared goals.
- Unload and load deliveries safely and efficiently.
- Sort, label, and store stock in correct locations.
- Pick and pack items accurately for store distribution.

SKILLS

Soft skills:

- Ability to work under pressure
- Detail-oriented & well-organised
- Proactive mindset & strong initiative
- Strong work ethic & initiative
- Teamwork & communication

LANGUAGES

- English - Native
- Polish - Native (bilingual)
- Italian - Beginner (actively improving)

HOBBY

- Motorbikes / cross riding
- Motorcycle building
- Design (CAD) and 3D printing
- Programming
- Import and sale of motorcycles

10.2021 - 10.2021 Internship / Engineers Assistant,
G.Bruss GmbH Dichtungstechnik, Sligo

Main duties:

- Maintained accurate records and organized files.
- Performed cleaning tasks to ensure a tidy and safe environment.
- Provided assistance to colleagues as needed.

08.2023 - 10.2024 Merchandiser, Solv-x Products Ltd.,
06.2021 - 08.2021 Rabia Yasin & Sons, Sligo

Main duties:

- Stocked products on shelf;
- Managed product ordering;
- Maintained and refreshed displays to reflect current promotions and seasonal trends.

04.2021 - 06.2021 Internship / Mechanic's Assistant,
Seamus McDaniel Motorcycles Ltd., Sligo

Main duties:

- Diagnosed and repaired motorcycles;
- Prepared motorcycles for service by performing thorough cleaning and detailing.

ACADEMIC & PERSONAL PROJECTS

Chainsaw-to-Model Engine Conversion - Ongoing

Goal: Convert a small combustion engine to electric start and design a strong PLA crankcase to keep it running.

3D-Printed Valve Adjustment Wrench - Completed 10/25

Goal: A low-cost, 3D-printable valve adjustment wrench designed for square tappet adjusters.

Robotics Project – Completed during 1st academic year

Goal: Built an autonomous line-following robot using Arduino, infrared sensors, and a custom 3D-printed bracket. Responsible for wiring, sensor calibration, and programming the control logic to follow a path accurately.