MIKHAIL LYSKOV

+447443432889 ◆ Mikhail.lyskov4@gmail.com

LinkedIn: www.linkedin.com/in/mikhail-lyskov

EDUCATION

BEng General Engineering with Year in Industry, 09/2022 - 06/2026
University of Sheffield - Sheffield,United Kingdom - (Expected First Class Honours)
3rd Year Modules:
• Nuclear Science, Engineering and Technology • Fuels and Energy • Power Engineering • Finite Element Techniques • Manufacturing Systems • Renewable Energy • Structural Vibration • Individual Investigative Project (Performance Analysis and Fault Diagnosis of Three-Phase Inverter-Fed Induction Motors Using MATLAB/Simulink: A Case Study for HVAC Applications) • Accounting and Law for Engineers
Awards:

- The University of Sheffield International Merit Scholarship (2022-26)
- 2 x The University of Sheffield Engineering Excellence Award
- Global Engineering Challenge Week (Distinction)

Certificate of Higher Education, 09/2007 - 09/2021
Heritage Private School - Limassol,Cyprus
A levels:

- Mathematics - A*
- Further Mathematics - A*
- Physics - A*
- Russian – A*
- Computer Science (As) - A

Apolytirion Grade:

- 19.2/20

ENGINEERING RELEVANT EXPERIENCE/PROJECTS

Engineering Placement, 07/2024 - 08/2025
INVISTA - Gloucester

- Managed a £100k+ international engineering project, overseeing budgets, timelines, and risk controls while coordinating cross-functional teams across Europe and the US. - developing skills in capital projects, transaction execution and client delivery.
- Completed a trial introducing a completely new frame and motor design for the production process using Siemens controls, reducing motor temperatures from 100+°C to less than 60°C, prolonging their lifetime by a year and saving £30,000+ in maintenance.
- Built a one-of-a-kind lab machine from scratch, used for satisfying the required conditions by regulations before yarn tensile testing.
- Applied digital tools and data analysis (Microsoft Power Platform, ScreenCloud | digital displays |) to design dashboards and automate reporting, reducing process inefficiency and saving costs - dashboards were utilised live across 3 sites in 2 regions and used for financial modelling / data-driven investment decisions.
- Deployed 3 specific power apps for asset management and technician support based on customer requests and evaluation of overall productivity.
- Improved risk and reliability of assets by introducing new preventive maintenance strategies and analytical fault-finding methods, strengthening problem-solving and quantitative assessments.
- Presented solutions to senior management, sharing knowledge on new wireless LoRaWAN monitoring tools, improving presentation skills and client-facing communications.

- Gained exposure to Koch Industries' value-creation principles and delivered value through engineering initiatives aligned with the company's vision. Focusing on client value, mutual benefit, and long-term growth.

Vice President, 03/2023 - 07/2024
Sheffield Space Initiative Society - Sheffield

- Led 140+ society members; coordinated events, secured guest speakers, and increased membership by more than 50%.
- Evaluated the overall state, identifying areas of success and opportunities to improve Society's processes.
- Gained time management and teamwork skills by developing specific society plans and guiding the Committee through the process and execution.
- Secured over £2,000 in funding from multiple stakeholders, including aerospace companies, institutions, and individuals, to support university initiatives and projects.

National Rocketry Championship Recovery Engineer, 10/2022 - 09/2023
UKSEDS - Sheffield

- Participated and contributed to technical reviews of requirements, specifications, designs, and structural analysis.
- Consistently achieved task completion ahead of strict deadlines through disciplined time management and resilience under pressure.
- Using creativity, developed a unique dual-deployment reefed parachute recovery system. The system incorporated an EasyMini deployment data logging and barometer module, 3.7v 450mAh battery, Piranha Line Cutter, Custom hand-sewed reefed parachute, and a custom 3D printed shell to hold all modules together securely and protect them from landing impact. During the second stage deployment, the drag coefficient was increased, and the parachute descent velocity was reduced by almost 50%.

Other Activities / Gap Year

Special Forces, 07/2021 - 09/2022
National Guard of Cyprus
• Produced reports on Vehicle equipment status, incidents, and personnel readiness for superiors.
•Digitised manual logbook system with an Excel-based solution, improving fleet management, efficiency calculations and performance analytics.
• Handled repair and maintenance of vehicles while also fulfilling driver responsibilities.

Technical Skills

- Microsoft Office suite: Word, Excel, PowerPoint, Outlook, Teams, and OneNote
- Google products: Calendar, Mail, Drive, Chat, Meet, Gemini
- Microsoft Power Platform: Power Apps, Power BI, Power Automate and AI agents
- Programming languages: MATLAB/Simulink, Python, JavaScript, SIEMENS Ladder Logic and SQL (basic)
- Design software: Fusion 360, Inventor Professional, Ansys, SIEMENS TIA Portal and SIEMENS STARTER
- Manufacturing tools: Power tools and CNC machinery