



ABOUT ME

Passionate Robotics and Mechatronics Engineer with a strong foundation in automation, embedded and control systems and artificial intelligence. Experienced in designing and developing robotic solutions, integrating hardware and software and optimizing performance for real-world applications.

LINKS

- Home Page:
www.leonardol.dev
- LinkedIn:
www.linkedin.com/in/leolobont/
- GitHub:
www.github.com/quikenb

REFERENCE

References available upon request

HOBBIES

3D Printing;
Additive Manufacturing;
Robotics & Automation Projects;
DIY Electronics;
Embedded Systems;
Home Automation;
Reverse Engineering;
Hardware Modding;
Open-Source Contributions;
Sim Racing & Motorsports;
Automotive Maintenance & Modifications.

DRIVING LICENSE

Driving license category
Full

LEONARDO LOBONT

ROBOTICS AND MECHATRONICS ENGINEER

- Hull, United Kingdom
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- contact@leonardol.dev

WORK EXPERIENCE

CLEARANSWER LTD
Hull
Jul 2021 - Present

● **Telecommunications Liaison Officer (EE)**

- Providing specialist telecom support, troubleshooting mobile and broadband issues and guiding customer through technical solutions.
- Identifying opportunities to upsell and cross-sell EE products, maximizing revenue while meeting customer needs.
- Handling customer complaints, identifying customer needs and offering tailored solutions.
- Adhering to strict compliance bodies such as FCA, GDPR and OFCOM.

CORRBOARD UK LTD
Scunthorpe
Apr 2019 - Jul 2019

● **IT Managing Assistant**

- Served as the primary IT support on call, handling system management, troubleshooting internal IT issues and maintaining the main corrugator – a time-critical role to ensure uninterrupted production.
- Provided advance technical support, stepping into the IT manager's duties while he focused on business operations alongside the managing director.
- Hardware picked and implemented a cost-effective alternative for stack management hardware systems on forklifts, optimising warehouse efficiency.
- Oversaw networking, system administration and backups (onsite and off-site) to maintain business continuity.
- Handled price quotations for IT hardware and services, optimising cost-effective solutions for the company.
- Ensure appropriate disposal of electronic waste in compliance with WEEE regulations, maintaining environmental and legal standards.

DOMINO'S & THE CANDY SHOP
Hull
Sep 2020 - Jul 2021

● **Front of House & Delivery Associate**

- Worked in customer-facing and logistics roles, developing strong time management, problem-solving and teamwork skills.
- Handled order processing, stock management and deliveries ensuring efficiency and accuracy.
- Maintained high standards of service, adapting to fast-paced environments.

EDUCATION

UNIVERSITY OF HULL
Hull
2025

● **Master of Engineering in Robotics and Mechatronics**

- CAD & CAM – 3D Modelling and Manufacturing process optimisation.
- Object-Oriented Programming – Software development for robotic applications.
- ROS & ROS 2 – Robotic system integration, communication and middleware development.
- Gazebo & Rviz Simulations – Simulating robotic environments for testing and validation.
- MATLAB Simulation – Data analysis, control system design and dynamic modelling.
- Artificial intelligence & Machine Learning – AI-driven robotics, computer vision, prediction and intelligent decision-making.
- Hardware & Software Integration – Hands-on experience in embedded system, automation, mechatronic design and IoT.

LANGUAGES

ENGLISH	ROMANIAN
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SKILLS

PYTHON	C/C++
MATLAB	JAVA
JAVASCRIPT (NODE.JS)	SQL
JSON & MQTT	BASH & LINUX SHELL SCRIPTING
SOLIDWORKS	FUSION 360
INVENTOR	KICAD
EDGE COMPUTING (ARDUINO, RASPBERRY PI, JETSON)	LINUX
VERSION CONTROL (GIT, GITHUB)	TENSORFLOW/PYTORCH/DETECTRON2

AWARDS

Humberside Police
Scunthorpe
Mar 2019

● **Police Bravery Award**

Excellence in Policing award for assisting in a critical emergency situation demonstrating bravery and composure under pressure.

Humberside Police
Scunthorpe
Jan 2019

● **Chief Constable's Commendation**

Chief Constable's Commendation for demonstrating exceptional courage and initiative in a critical situation proving outstanding public service and quick decision-making.