

Grzegorz (Greg) Wójcik

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Summary

Hardware, embedded software, r&d engineer with reliable product development mindset -taken from automotive and aerial industries. Master of Science (M.Sc.) focused in Mechatronics, Robotics, and Automation Engineering from the Silesian University of Technology.

Experience

Hardware developer

DRÄXLMAIER Group

Jan 2018 - Present (2 years 7 months +)

Responsibilities:

- research and development of new automotive products,
- worst case calculations and simulations,
- schematic design, part selection,
- multi layer PCB design,
- existing solutions cost and performance optimization,
- cooperation with interdisciplinary, international teams (Design, Software Development, Testing),

Electronics Specialist

Novelty RPAS

Nov 2015 - Jan 2018 (2 years 3 months)

Responsibilities at R&D lab:

- research, design and development (both software and hardware) of an UAV modules such as:
critical autonomous safety units,
high power modules with redundancy,
high power battery protection circuit modules,
touch sensor applications,
test rigs,
and many more sub-systems.

Responsibilities at UAVO training centre:

- lecturer -UAV working principles: electronics & mechanics,
- building and testing UAVs both copter and planes up to 25kgs.

Embedded Software Developer (Internship)

Flytronic S.A.

Jul 2013 - Aug 2013 (2 months)

Education



The Silesian University of Technology

Master of Science (M.Sc.), Mechatronics, Robotics, and Automation Engineering

2014 - 2015



The Silesian University of Technology

Bachelor of Science (B.Sc.), Mechatronics, Robotics, and Automation Engineering
2010 - 2014

Licenses & Certifications

 **English level C1** - Silesian University of Technology

 **EMC MADE SIMPLE - Printed circuit board and system design** - Montrose Compliance Services, Inc.

Honors & Awards

 **4th place at IMAV competition** - www.imavs.org/2014/

Aug 2014

4th place at International Micro Air Vehicle 2014 flight competition held at Delft University of Technology, Delft, Netherlands.

Skills

Hardware Development • Embedded Software Programming • Electronics • R&D • Mechanical Engineering • 3D Printing • Robotics • Firmware • Github • LaTeX