Contact

krzysztof.wojciech.klimek@gmail.com

www.linkedin.com/in/krzysztof-klimek (LinkedIn)

Top Skills

Real-Time Operating Systems (RTOS)

Solution-oriented

Engineering

Languages

Polish (Native or Bilingual)

English (Professional Working)

German (Limited Working)

Spanish (Limited Working)

Certifications

Circuits and Electronics 6.002x

6.02x: Embedded Systems - Shape the World

Deep Learning Specialization

Machine Learning

Krzysztof Klimek

Robotics ▪ Reinforcement Learning ▪ Prototyping ▪ Embedded Systems ▪ Machine Learning ▪ Multi-Agent Systems
Cracow Metropolitan Area

Experience

Biegus Automotive
Founder
May 2018 - Present (7 years 5 months)
Cracow, Małopolskie, Poland

Electric recumbent motorbike project, responsibilities:

• Product Development strategy

• Project management

• Electronic systems integration

• Battery design

• Drivetrain

• Feasibility

Centrum Doskonałości Sztucznej Inteligencji AGH
Research Assistant
January 2025 - Present (9 months)
Cracow, Małopolskie, Poland

• Robotic system integration

• Research in Multi-Agent Reinforcement Learning

Self-employed
Self Employed
April 2017 - Present (8 years 6 months)

Developing embedded systems:

• Conceptual design

• Process Control and Optimization

• Hardware prototyping

• System integration

• GUIs

• QA

AGH University of Science and Technology
Embedded Software Engineer
November 2019 - August 2020 (10 months)
Cracow, Małopolskie, Poland

GUI for medical device:

• Application requirements

• Application specification

• Implementation on STM32 using TouchGFX

• Integration with backend

eMoSystem
Co-Founder
July 2019 - April 2020 (10 months)
Cracow, Małopolskie, Poland

Energy cost reduction system using energy metering and stock prices, tasks:

• Developing data acquisition system using Python

• Sensor integration

• Platform porting (Rpi-zero, NanoPi)

digitalSTROM AG
Quality Assurance Engineer
April 2017 - April 2019 (2 years 1 month)
Zurich, Switzerland

(Remote)

• Manual testing

• Test automation

• Integration testing

• Property-based testing

• Building API simulators in Python

digitalSTROM AG
Engineering Trainee
June 2015 - May 2016 (1 year)
Schlieren, Zurich

• Maintaining statistics webpage used to display relevant data from testing installations.

• Porting QP framework to the ADSP-BF702 and implementing complete communication stack for UART and RS485, including high level message handling using state machines.

• Designing manual and automated test cases, managing them in HP ALM.

• Adapting existing and creating new automated tests over graphical user interface using HP UFT.

• Extending a customized test framework used for update tests. Using Python, JSON and MySQL.

Maflow Spain Automotive
Intern
September 2013 - November 2013 (3 months)

A 3-month internship in a department of Methods and Production.

Responsibilities:

• Preparing documentation of production lines.
• Running statistics of plant efficiency.

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Education

AGH University of Science and Technology
Master's degree, Automatics and Robotics · (2017 - 2019)

AGH University of Science and Technology
Bachelor's degree, Automatic control and robotics · (2010 - 2015)