

MACIEJ PIJANOWSKI



Professional engineer with 4+ years of experience focusing on the new product development and processes related with it. Good analytical skills and experience as software engineer give the opportunity to support teams in the processes of automatic data analysis. This knowledge was acquired through the work and support of various global R&D and production departments.



CONTACT

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SOFT SKILLS



LANGUAGES

- Polish: ●●●●●● (Native)
- English: ●●●○●● (Level: B2)

EDUCATION

Wrocław University of Science and Technology,
Faculty of Electronics and Telecommunications
Specialty: Electronic Equipment

2016.03 / 2018.02

Master of Science in Electronics

Engineering Thesis:
The use of selected methods of artificial intelligence in monitoring and management of road traffic.

2010.10 / 2015.02 with one year break

Electronics Engineer

Engineering Thesis:
Microprocessor mobile driver for stage lighting based on the DMX512 protocol.

EXPERIENCES

Data Analyst, Data Scientist (Cruncher Sp.)

2022.04 - TODAY

Electrolux - Global WET Validation

Specialist of the Global WET laboratory team which build software tools to analyze and pre-process data coming from test data acquisitions. Support other teams proposing innovative solutions for testing, focusing on automation procedures of analyse (BI Developer). I'm reference of data pre-processing tool development for all the Global Laboratories. I review product technical spec to support and improve validation activities, with specific focus on software integration testing, in cooperation with relevant dept.

Cycle Software Engineer

2018.04 - 2022.04

Electrolux - Global R&D Laboratory

A global embedded software programmer for mass-produced products, also an IT/PC software programmer for internal R & D tools and systems. Responsible for providing critical software modules for system control, involved in creating general product system design specifications, as well as also performing analysis of test data and creating test specifications.

Product Customization Specialist

2015.05 - 2016.02

Metertest

Management and creation of production processes including documentation production supervision, PCB plate design in SMD technology, assembly process monitoring in SMT technology.

Programmer - Contract work

2014.05 - 2015.01

AUTOMATIC SOLUTION

Programmer of touch-screen operator panels used in industrial devices.

PCB line operator - Monthly student practice.

2013.06 - 2013.07

Sonel S.A



“THE HARD WORK OF THE FUTURE WILL BE PUSHING BUTTONS”
NIKOLA TESLA

SKILLS (GRAPHIC)

INTERMEDIATE	PROFICIENT
AutoCad	Inventor/Fusion 360
SketchUp	Indesign
Homestyler	Photoshop
	Technical Drawing

PROJECTS



Implementation of the work time reporting process and supervision it. (VBA - Metertest)

Project of universal product cases with foams for shipping (Inventor tool - Metertest)

Application for setting up and starting the dishwasher remotely (Labview - Electrolux)

Application for synchronization dishwashers and tablets & soling feeders (Labview, Data transfer interfaces - Electrolux),

Monthly team reports based on Power BI (PowerQuery, DAX, Visualization - Electrolux)

Global Control Chart for reference machines as PowerBi dashboard (PY, PowerQuery, DAX, Visualization - Electrolux)

Tracking Issues related to Test Plans in Power Bi. (Py, JDS, PowerQuery, Visualization - Electrolux)

POWER BI

(Basic/Intermediate/Advanced)

Data Engineer:PowerQuery Developer	●●●●
Data Modeler	●●●○
DAX Developer	●●○●
Report Visualizer	●●●●
Data Scientist	●●●●
Administrator	●●○●
Architect	●●○●

SKILLS

PROGRAMMING LANGUAGES:

C / C ++	C#	PYTHON	LABVIEW	SQL
●●●○●	●●●○●	●●●○●	●●●●●	●●●○●

Data Analyst, Data Scientist (Cruncher Sp.)

2022.04 - TODAY

Electrolux - Global WET Validation

- Implemented data visualizations (PowerBI, DAX) for teamleaders.
- Cooperated as support for Performance and Reiliability teams, using the Agile framework (SCRUM) to solve unexpected problems based on data analysis (Py crunching data software based on REST API, Pandas, NumPy, Matplotlib)
- Daily work in JIRA and BitBucket (GIT)
- Implemented new workflows in the newly formed team.
- Presented by the supervisor as a reference person for the development of data pre-processing tools for all EU/LA/AP Global Laboratories.

Key achievement:

- Developed a PowerBI dashboard that reduced analyse time by 75%.
- Created dynamic PowerBi summaries of the number of tests, errors, etc. for different teams (elimination of manual tracking & reporting)

Cycle Software Engineer

2018.04 - 2022.04

Electrolux - Global R&D Laboratory

- Became a member of the global team (IT/SE).
- Developed software based on close cooperation with the Functional team and good knowledge of the product.
- Active participation in the Problem Solving process and improving the C# code.
- Created software tools (LabView) to improve the functioning of the R&D Laboratory.
- Released software specifications and manuals for new tools (Microsoft Office, Latex).

Product Customization Specialist

2015.05 - 2016.02

MeterTest

- Customization of Production schematics: electrical, electronic, mechanical
- Redesign of PCB plates

HOBBIES



Sailing
Yacht Skipper
Certificate



Board game



DJing



Graphic and web
design
behance.net/artofspace