

Tobiasz Burczyk



Location  
Kraków

Main industry  
Automotive

Career path  
R&D

Experience level  
Mid

Contact info

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About me

I am very ambitious, and I set the bar high, because I believe that with hard work and constant striving you can achieve the impossible. I have experience in positions characterized by high responsibility and work under time pressure. At work I value good communication in a team and working together to achieve goals. I am interested in new technologies in the automotive field.

Experience

Laboratory Technician

Aptiv  
Automotive

February 2021 – present  
Kraków, Polska

My duties

Planning, preparation and execution of tests according to customer requirements and international standards,  
Independently conduct validation projects in the laboratory,  
Preparation and development of test protocols and reports,  
Supervision of technical documentation and supervision of control and measurement equipment,  
Participation in the development of new ways of performing tests,  
Cooperation in direct contact with OEM's representatives,  
Taking care of Zwick testing machines,  
Designing fixtures and counter-parts for testing (Simens NX),  
Automating processes using Visual Basic.

GD&T

VBA

Simens NX

LabView

Autosar

Microcontrollers

English (UK)

Mechanical / Electronics Engineer

Witek Motorsport  
Motosport

February 2019 – April 2020  
Kraków, Polska

My duties

Construction and preparation of cars for RSMP and GSMP competitions and service during races:

- Repair of electronic systems,
- Repair / Construction of electrical harnesses,
- Advance Display Unit (ADU) on-board computer programming,
- Telemetry and Data loginng,
- Diagnostics / Repair of claw gearboxes.

Arduino

C++

GD&T

English (UK)

Foreign languages

English (UK) • B1+/B2

German • A2

Main specializations

C/C++ / Python

2 years

Arduino

3 years

MS Office

6 years

Simens NX

2 years

Druk 3D (FDM)

6 years

Linux

3 years

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Curriculum Vitae Tobiasz Burczyk

Skills

Knowledge of CAD software:  
Autodesk Inventor, Autodesk  
AutoCAD, Catia V5, Simens NX,  
Solid Works.

Knowledge of CAM software:  
Edge CAM, MTS Topturn.

Knowledge of engineering support  
software:  
Ansys, Eagle, Matlab (Simulink),  
Maple, MathCAD, Scilab.

Knowledge of software supporting  
prog programming work:  
Code::Blocks, Visual Studio Code.

SEP license up to 1 kV

Driving license cat B, A2

Experience



Mechatronics Technician

Spółdzielnia Mleczarska Mlekovita  
Maintenance

July 2014 – August 2014  
Sanok, Polska

My duties  
PLC programming,  
Designing new production lines,  
Supervision of production lines (SCADA)

PLC: LD, FBD   GD&T   SCADA   English (UK)

Education

- 2019 – 2022  
Politechnika Krakowska im. Tadeusza Kościuszki  
Master of Engineering (M.Sc.), Medical Engineering, Specialty: Biomechanics, Rating: 5
- 2019 – 2022  
Politechnika Krakowska im. Tadeusza Kościuszki  
Master of Engineering (M.Sc.), Automotive Vehicles, Specialty: Construction and Testing of Motor Vehicles, Rating: 5
- 2016 – 2019  
Politechnika Krakowska im. Tadeusza Kościuszki  
Engineer (Eng.), Mechanics and Mechanical Engineering, Rating: 4.5
- 2011 – 2015  
Zespół Szkół nr 3 w Sanoku  
Technician (Tech.), Mechatronics, Rating: 5

Courses

- May 2022  
Zwick testing machine operation  
ZwickRoell
- May 2022  
NX CAD1 – Basic Training  
EMT-Systems Centrum Szkoleń Inżynierskich

They inspire me



Tadeusz Błazusiak



Dawid Godziek



Mariusz Pudzianowski



Travis Pastrana

Awards

- March 2021  
Rector's Scholarship (Medical Engineering).  
Politechnika Krakowska
- October 2021  
Rector's Scholarship (Medical Engineering).  
Politechnika Krakowska
- March 2020  
Rector's Scholarship (Automotive Vehicles)  
Politechnika Krakowska
- October 2019  
Rector's scholarship (Mech. and Mechanical Eng.)  
Politechnika Krakowska
- October 2019  
Scholarship for EU Projects  
Politechnika Krakowska

Soft skills



Hobby



Cars



Dancing



Cycling



Reading



Skating



Snowboarding