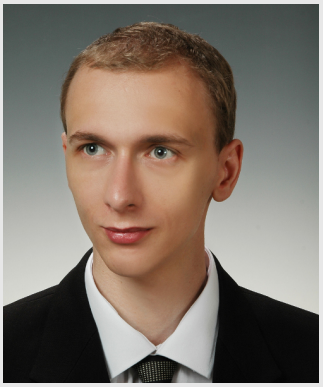

Hubert Kuczwara

12th september 1989

(+48) 723 490 304

hubert.kuczwara@gmail.com

www.linkedin.com/in/hubert-kuczwara/

www.github.com/HiK121/

Skills

⁖Office software:
⁖Office(⁖Word ⁖Excel ⁘Power Point), ⁖LibreOffice, ⁖Windows
Simulations:
⁘AMESim ⁘Simulink ⁎DELMIA
PLC programming:
⁑Siemens: ⁑TIA Portal, ⁎STEP7
⁎Allen-Bradley: Studio5000
Script programming:
⁑MS Visual Studio(⁎C/C++, ⁑Python), ⁑Matlab
CAD:
⁑CATIA

⁎ ⁑ ⁘ ⁖ ⁘⁘

[Basics Expert]

Languages

Polish	Native
English	B2/C1
German	A1

Certificates

Driving license, B category - - -

Polish Electricians Association (SEP) certification -
- operation up to 1 kV 02.2024
valid to

Work experience

05.2020-
-07.2018
(1 year
11 months)

Specialist in design and programming — Primetals Technologies

- PLC Programming (**TIA Portal, STEP7, Studio5000**)
- Testing of stations, cabinets, devices - I/O check (**TIA Portal, Studio5000**)
- Testing and commisioning of devices (**TIA Portal**)

09.2016-
-03.2014
(2 years)

Project participant — Wrocław University of Technology

Project "***Develop innovative solutions for high pressure vane pumps with integrated mechatronic electric drive***"commissioned by the ***National Center for Research and Development***

- Carry out simulation calculations of the load torque courses in the vane pump (**AMESim, MATLAB-Simulink**)
- Development of technological improvements for a vane pump designed for installation in an electric motor (**AMESim, MATLAB-Simulink**)
- Development of simulation model of pressure courses in experimental pump (**AMESim, MATLAB-Simulink**)
- Develop a simulation model of torque courses and pressure courses at steady and dynamic states (**AMESim, MATLAB-Simulink**)
- Preparation of the hydraulic measurements results of the motor-pump assembly (**AMESim, MATLAB-Simulink**)

02.2015-
-06.2014
(8 months)

Robotics Engineer — RW Swiss Automation

- Offline programming of industrial robots (**DELMIA**)
- Process simulation (**DELMIA**)
- Preparation of documentation (**DELMIA, MS Office: Word, Excel, PowerPoint**)

Education

present-
-10.2014

Construction and Operation of Machines — Faculty of Mechanical Eng. Wrocław University of Technology

PhD studies
thesis topic: "Analyze of dynamic of vanes in positive displacement variable vane pump"

06.2014-
-02.2012

Automatic and Robotics (MSc) — Faculty of Mechanical Eng. Wrocław University of Technology

specialization: Automation of Machines and Working Processes
thesis topic: "The design of control system for the mechatronic fluid power pump"

01.2012-
-10.2008

Automatic and Robotics (BSc) — Faculty of Mechanical Eng. Wrocław University of Technology

thesis topic: "Development of robotic welding technology of the component of car seat"

05.2015-
10.2010

Biotechnology — Faculty of Chemistry Wrocław University of Technology

unfinished BSc thesis
thesis topic: "Application of BioPython package for automation of bioinformatic tasks"

Scholarships

10.2015 „***Entrepreneurship and Soft Skills Training Program for PhDs and Young Scientists***" in Alberta School of Business, University of Alberta, Canada

Teaching

As PhD student I acquired 495 hours of didactic, teaching students in following courses:

- 60 hours „Hydraulic elements"
- 75 hours „Machine devices and control " (15h in english)
- 360 hours „Hydraulic drive"