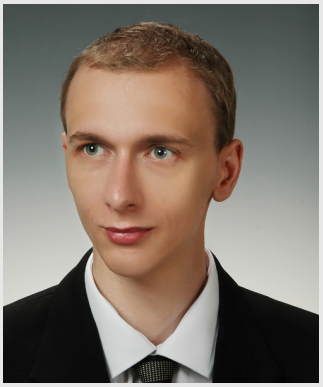

Hubert Kuczwara

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 (LD, FB, SCL), AllenBradley: Studio5000 (LD, ST)
Script programming:
MS Visual Studio(C/C++ Python),
CAD:
CATIA

[Basics Expert]

Languages

Polish	Native
English	B2/C1
German	A1

Certificates

Driving license, B category	- - -
SEP E1 do 1kV	02.2024
	valid to

Work experience

present--07.2018 (1 year 3 months) — **Specialist in design and programming** — Primetals Technologies

- PLC Programming (**TIA Portal, 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** — Mechanical Eng. faculty 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)** — Mechanical Eng. faculty 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)** — Mechanical Eng. faculty 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, Kanada

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”