

PERSONAL DETAILS

Birth May 28, 1994
Phone (+48) 780 044 751
Mail pwrzonca@gmail.com
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EDUCATION

MSc in Physics

2016-Present

AGH University of Science and Technology

Faculty of Physics and Applied Computer Science.

Thesis (in progress): "*Badanie krzywych chronometrycznych w kontekście hipotezy zegara*"
(*Research on chronometric curves in the context of the clock hypothesis*).

Supervisor: dr. hab. Łukasz Bratek

BSc in Physics

2013-2016

AGH University of Science and Technology

Faculty of Physics and Applied Computer Science

Thesis: "*Uogólniona transformata Wignera-Weyla*" (*Generalized Wigner-Weyl transform*).

Supervisor: dr. hab. Bartłomiej Spisak

Awarded with academic performance scholarship on every year of study. Student of many additional mathematical courses including logic, topology, nonlinear analysis and differential geometry.

EXPERIENCE

Participant in scientific conference

27 Jun - 29
Jun, 2018

XVIII Spotkanie Ogólnopolskiego Klubu Demonstratorów Fizyki
(*XVIII Meeting of Polish Physics Demonstrators Club*) Toruń

Presentation topic: *Presentation of SKNF Bozon constructions*

Trainee

6 Jun 2018

Machine Learning and Deep Learning workshop at IBM

Intern

4 April -30
Jun, 2018

Educational Student InterInternship at IBM

Implementation and validation of an algorithm for unsupervised video semantic partitioning using IBM Watson and topic modeling

Supervisor: Alexandre Quemy

Participant in scientific conference

10 May 2018

*55. Conference of AGH Student's Scientific Circles*Presented topic: "*Wahadło Kapicy*" (*Kapiza's pendulum*)

Supervisor: dr. hab. Vladimirov Vsevolod prof. AGH

Participant in scientific conference30 May -
3 Jun, 2017*Spectral Theory and Applications (STA 2017) Kraków,*Site of the event: www.sta2017.wms.agh.edu.pl/en**Trainee**

8-17 Jul 2015

Summer School Motorola II

Training course included Image Analysis, Cloud Computing and Parallel Computing.

One of supervisors: dr Krzysztof Misztal

Member of the Scientific Society

2013-2015

SKNF BOZON

Active participation in conferences and seminars and science picnics.

(www.bozon.fis.agh.edu.pl)**Participant in scientific conference**

7 May 2015

*52. Conference of AGH Student's Scientific Circles*Presentation topic: "*Ferro-fluid - make your own intelligent magnetic fluid*"

Supervisor: prof. Czesław Kapusta

SKILLS

<i>Languages</i>	Polish (Native) English (Upper-Intermediate)
<i>Software</i>	Mathematica, Python, C/C++, Matlab, L ^A T _E X, VIM
<i>Operating Systems</i>	Linux
<i>Soft skills</i>	problem-solving, logical and analytical thinking

INTERESTS

solving puzzles, electronics, new technologies, math tricks

REFERENCES

Available upon request

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