



Paweł Rzońca

Curriculum Vitae

PERSONAL DETAILS

<i>Birth</i>	May 28, 1994
<i>Phone</i>	(+48) 780 044 751
<i>Mail</i>	pwrzonca@gmail.com
<i>Webpage</i>	galeonad.github.io

EDUCATION

PhD in Physics

Present

AGH University of Science and Technology

Faculty of Physics and Applied Computer Science.

Supervisor: dr. hab. Andrzej Kułak

MSc in Physics

2017-2018

AGH University of Science and Technology

Faculty of Physics and Applied Computer Science.

Thesis: *"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

2013-2017

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 courses including image processing and analysis, asymptotic methods, topology, nonlinear analysis and differential geometry.

EXPERIENCE

Participant in IT conference

15 Jun, 2018

4Developers 2018

Site of the event: 4developers.org.pl/

Participant in scientific conference

27 - 29 Jun,
2018

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

Presentation topic: *Presentation of SKNF Boson constructions*

Trainee

6 Jun 2018

Machine Learning and Deep Learning workshop at IBM

Intern

4 April -30
Jun, 2018

Educational Student Internship 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 conference

30 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, quick learner

INTERESTS

solving puzzles, math tricks, electronics, data science

REFERENCES

Available upon request

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