

# Michał Nawrot

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## Education

2007 – 2012 Faculty of Physics, University of Warsaw, Poland  
master thesis 'Photonic structures fabricated with 3D photolithography'  
awarded in 'XXI competition PKOpto 2012 im. Profesora Adama Smolińskiego'  
bachelor thesis 'Autocorrelation measurements of ultrashort light pulses'

2004 – 2007 secondary school no. XIV Stanisława Staszica in Warsaw,  
science oriented class

## Languages

Polish – native; English – advanced in speech and writing (C1); German – basic (A2)

## Additional qualifications

strong analytical skills and „out of the box” thinking; eager to learn; ability to work under time pressure and in dynamic environment; creative problem solving; ease in establishing contact; „yes I can” attitude.

## Environments, programming languages and operating systems

Python (data science stack: Jupyter Notebook, NumPy, SciPy, Pandas, scikit-learn, XGBoost, Keras, TensorFlow), Mathematica, SQL, SAS, C++, VBA, Git, Office 2010  
CorelDRAW, After Effects, Photoshop, PremierePro, Autodesk Inventor  
Windows, Linux

## Experience

Faculty of Physics, University of Warsaw

from X 2012

**Photonic Nanostructure Facility, Institute of experimental physics, PhD student**  
*analyzing data, conducting experiments, writing reports and articles, presenting results in form of posters and talks on seminars in Poland and abroad (France, Latvia, Spain, USA)*

V 2012 and VI 2013

**The Science Picnic of Polish Radio and the Copernicus Science Centre, coordinator**  
*organization of scientific shows on a mass outdoor event (over 10 ths. Participants)*

IX 2009 – IV 2013

**High school courses 'Before final exam', tutor**  
*preparing teaching materials, group teaching, checking written work*

VII 2008 – IX 2012

**Ultrafast Phenomena Lab, assistant in a scientific laboratory**  
*creating technical drawings, alignment and calibration of optical systems, presentation of the results in the form of scientific papers, presentations and posters*

KNOF & OSA Student Chapter, Faculty of Physics UW

XI 2011 – XI 2014

vice-president, president, PR officer  
*organization of seminars and integration meetings, creation of promotional materials, maintaining and updating the website, writing reports of activities, reporting grants*

## Interns & workshops

VII 2017

Letnia Akademia Accenture, Management Consulting, Warszawa, Poland

IV – IX 2014

Institute of Microstructure Technology KIT, Karlsruhe, Germany, guest scientist

VI – IX 2012

Institute of Physical Chemistry PAN, Laser Centre, an intern in the science lab

## Hobbies

triathlon, playing the piano, cosmology, statistics & big data

*Wyrażam zgodę na przetwarzanie moich danych osobowych dla potrzeb niezbędnych do realizacji procesu rekrutacji zgodnie z Ustawą z dn. 29.08.97 o Ochronie Danych Osobowych, Dz. Ust. Nr 133 poz. 883.*