







# Bartłomiej Szamota

 17/07/1994    Poland    Łódź  
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## Profile

I am a 26 yo graduate. I give private lessons in Mathematics and Physics since 2015. Meanwhile, I learn programming via books and internet courses. During my university studies, I had to learn to adapt and rely on my **analytical thinking** skills, **problem-solving**, and **teamwork**. At university I had introductory courses in **Java**, **Python**, **Mat-Lab**, **Mathematica**, and **C++**. At a time, all my projects were simulations of physical/astronomical phenomena. After finishing my studies I had slight contact with **frontend** languages like **HTML**, **CSS**, and **JavaScript** on the course, but I realized that that I feel more like the **backend** part. I spend a couple of hours daily doing courses, exercises and broadening my **IT** knowledge on my own. While I do not have commercial experience with code development, my personal experience can be reviewed on my **GitHub**. I feel very comfortable with the **English language**, as my first degree was completely in English and a large part of my second degree consisted of reading specialized articles and papers and elaborating its content. A job with a lot of English communication would be a great opportunity to not forget the language, and polish it up. I am a **quick learner** in technical and scientific issues. With a basic introduction, I seek needed information and use documentation on my own to solve a given problem.

## Work experience

Łódzki Ośrodek Szkoleniowy • Łódź • Poland

Inspector assistant

03/2018 – 08/2018

Examination of RTG apparatus **ionizing doses**, and its **safety**.

## Education

Technical University of Lodz • Łódź • Poland

Technical Physics (Bachelor)

10/2013 – 03/2018

- Thesis: "**A real phase shift induced by a quarter-wave plate in a laboratory condition**".

- Studied in **English** language.

Jagiellonian University • Cracow • Poland

Astronomy (Master)

10/2018 – 11/2020

- Thesis: "**Scalar Field Cosmology with periodic potential – dynamical system approach**".

- Multiple subjects in **English** language.

## Skills

### Languages

Polish	■■■■■
English	■■■■■
Spanish	■□□□□
German	■□□□□

### IT skills

Java	■■□□□
Python	■■□□□
Wolfram Mathematica	■■□□□
JavaScript	■■□□□
PostgreSQL	■□□□□
HTML	■□□□□
CSS	■□□□□

### Other skills

Microsoft Office • PTC Creo • SolidWorks • LaTeX  
Advanced mathematics & Physics • Driving license  
PyCharm • Eclipse IDE • GitHub • Maven

## Hobbies

Astronomy • Mathematics • Physics • Science •  
Music • Technology • Hiking • IT