



# Vladislav Todorov

*Physicist*

## Personal Data

Date of Birth,	23 September 1998, Svishtov, Bulgaria
Birthplace	
Nationality	Bulgarian
Current position	Physicist at Metrology of Ionizing Radiation Laboratory, Faculty of Physics, Sofia University
Work Address	5 James Bourchier, Sofia, Bulgaria
Websites	<a href="#">Google Scholar</a> , <a href="#">Research Gate</a> , <a href="#">Personal website</a>

## Work Experience

2020 – present,	<b>Physicist at the Metrology of Ionizing Radiation laboratory</b>
Sofia, Bulgaria	Department of Atomic Physics at Sofia University “St. Kliment Ohridski”
	<ul style="list-style-type: none"><li>Development of scintillation detectors</li><li>Data analysis</li></ul>

## Education

2021 – present,	<b>Master’s student in Medical Physics</b>
Sofia, Bulgaria	Sofia University, Faculty of Physics, Department of Atomic Physics
2017 – 2021, Sofia,	<b>Bachelor’s degree in Medical Physics</b>
Bulgaria	Sofia University, Faculty of Physics, Department of Atomic Physics
	<ul style="list-style-type: none"><li>Thesis: <i>A study of plastic scintillators for measuring <math>^{222}\text{Rn}</math></i></li></ul>
2012 – 2017,	<b>Secondary Education</b>
Svishtov, Bulgaria	SU Nikolai Katranov

## Computer skills

Programming	PYTHON (Familiar with <i>Pandas</i> , <i>NumPy</i> , <i>SciPy</i> , <i>Matplotlib</i> , <i>Plotly</i> ,
Languages	<i>Selenium</i> )

Sofia, Bulgaria

✉ [vladislav.todorov@gmail.com](mailto:vladislav.todorov@gmail.com)

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Software **FreeCAD** – very good level  
**Simplify3D** – very good level  
**L<sup>A</sup>T<sub>E</sub>X** – intermediate level  
Linux, Microsoft Windows – general knowledge

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## Languages

Bulgarian **Native**

English **Level C1 — C2**

*Certificates: CAE*

German **Level A2**

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## Scientific Projects

Jan 2020 – present, Sofia, Bulgaria **TDCX “Novel radioactivity measurement techniques based on fast timing, digitization, coincidence and cross-correlation measurements”**

- Development and characterization of scintillation detectors
- Characterization of plastic scintillators for measuring  $^{222}\text{Rn}$

Dec 2020 – present, Sofia, Bulgaria **SPIRAD “Surveillance and Perusal of Indoor Radon Dynamics”**

- Calibration of commercial active detectors for measuring  $^{222}\text{Rn}$  in dwellings and workplaces

Sofia, Bulgaria

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