

Stefan Nevlacsil

Dipl.-Ing., PhD



Researcher/Developer

Contact

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Austria
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Interests

Pottery Jogging
Dancing (Salsa, Bachata)

Hard skills

German (native)
English (fluent)

Photonics development

Simulation	CAD
FDTD (Ansys)	CleWin
MODE (Ansys)	KLayout
BeamProp	OptoDesigner

Software development

Back-end	Front-end
Python	Vue.js
MATLAB	TypeScript
C#	Sass

Inkscape | GIMP | Blender

Soft skills

Teamwork
Project management
Analytical thinking

For more visit
[stefan-nevlacsil.github.io/
about_me/](https://stefan-nevlacsil.github.io/about_me/)



Work Experience

AIT Austrian Institute of Technology GmbH | Vienna

since 2023 Scientist
2020-2022 Junior Scientist
2016-2020 PhD student/Freelancer

Development of photonic integrated circuits (PICs) used for eye diagnostics. Participation in Horizon Europe projects OCTCHIP (688173) & HandheldOCT (871312)

- Design and evaluation of photonic components and PICs
- Software development in Python for fully automated measurement setup, data processing and simulation
- Assisting in project coordination

Wohnungseigentümer Gemeinnützige Wohnbauges.mbH | Mödling

01-04/2016 Freelancer

- Data recording in accounting program "Domizil Plus"

Institute of Atomic and Subatomic Physics | Vienna

2013-2015 Experimental Physicist

Working on double diamond experiment in Atomchip group

- Programming of measurement routines in MATLAB
- Measurement data processing

The University of Nottingham | Nottingham

08-10/2013 Experimental Physicist

Research on graphen in group of Prof. Peter Krüger

Residential house Franciscus for the handicapped | Vienna

2008-2009 Civil Worker

Education

2016-2021 PhD Medical Physics (Medical University of Vienna)

2013-2015 MSc Technical Physics (TU Vienna)

2009-2013 BSc Technical Physics (TU Vienna)

Awards

European Conference on Integrated Optics 2022

High Score Session Award

European Conference on Integrated Optics 2020

Best Poster Award

References

Dr. Rainer Hainberger

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Univ.-Prof. Wolfgang Drexler

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