

Philipp Woite

Date of birth: 14/07/1999 | Gender: Male | Nationality: German | Address: Germany (Home)

Education & Training

Dr rer. nat. (submitted) | Humboldt-Universität zu Berlin | Current | Berlin, Germany

Led the end-to-end development and implementation of a physically motivated methodology, including implementation and integration into a scientific computing package, computational validation, numerical simulation, performance benchmarking, and analysis of application-driven results

Level in EQF: 8

Master of Science | Ruhr-Universität Bochum | Bochum, Germany

Completed a master's thesis involving the design, execution, and analysis of numerical simulations for bromine(III) and biomimetic copper compounds

Level in EQF: 7

Bachelor of Science | Ruhr-Universität Bochum | Bochum, Germany

Conducted the synthesis, computational modelling, and spectroscopic characterization of a bisimine through involved vibrational spectroscopical measurements in solution and argon matrix.

Level in EQF: 6

Work experience

University research assistant | Humboldt-Universität zu Berlin | 11/10/2021 - 31/08/2026 | Berlin, Germany

Led the end-to-end development and implementation of a physically motivated methodology, including planning, implementation, and integration into an open-source scientific computing package, computational validation, numerical simulation, performance benchmarking, and analysis of application-driven results.

Additional tasks encompassed: publishing scientific papers, contribute to multiple open-source projects, managing and teaching bachelor and master students' thesis and teaching university students in context of the mathematics lecture.

Skills

Academic | teach in academic or vocational contexts | communicate with a non-scientific audience | write scientific publications | Scientific Communication | scientific literature | perform scientific research

Personal | prepare visual data | Team-work oriented | Interdisciplinary | think abstractly | give constructive feedback

Management | Organizational and planning skills | Managing Projects | make data-driven decisions | Analytical skills

IT | manage quantitative data | run simulations | Parallel computing in HPC environment | C++ | Python (computer programming)

Language Skills

Mother tongue(s): **German**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C2	C2	C1	C2	C2
Russian	B1	B2	B1	B2	B2
Arabic	A1	A1	A1	A1	A1