

ACADEMIC HISTORY

04/2021 – present	PhD Candidate under the supervision of Professor Nikolaus Adams Technical University of Munich (TUM) (Munich, Germany) Topic: Machine Learning for Particle-Based Fluid Dynamics
09/2019 – 12/2019	Exchange Program TUMexchange Korea Advanced Institute of Science and Technology (KAIST) (Daejeon, South Korea) Topics: Materials Kinetics, Statistical Mechanics
10/2018 – 03/2021	M.Sc. <i>Materials Science and Engineering</i> Technical University of Munich (TUM) (Munich, Germany) Specialization: Uncertainty Quantification and Mathematical Modeling Thesis: <i>Levy-Driven Langevin Monte-Carlo</i> Final Grade: 1,2 (with High Distinction)
11/2017	Exchange Program ATHENS Vienna University of Technology (Vienna, Austria) Topics: Energy Economics and Climate Change
10/2016 – 03/2019	B.Sc. <i>Engineering Science</i> Technical University of Munich (TUM) (Munich, Germany)
02/2016 – 06/2016	Exchange Program Erasmus+ Polytechnic University of Valencia (UPV) (Valencia, Spain) Topics: Refrigeration Systems, Thermodynamics, Renewable Energies
10/2013 – 09/2017	B.Eng. <i>Building Services Engineering</i> Munich University of Applied Sciences (Munich, Germany)

WORKING EXPERIENCE

05/2020 – 07/2020	Tutor – Engineering Mechanics 2 (MSE), Professor Michael Gee Mechanics & High Performance Computing Group, TUM
07/2017 – 12/2017	Research Assistant Bavarian Centre for Applied Energy Research (ZAE) (Garching, Germany) Division: Heat pumps and energy transformation Projects: Integration of a latent heat storage into an air-based refrigeration cycle
06/2014 – 04/2017	Working Student Eura Ingenieure Weißmann (Munich, Germany) Division: Technical design and monitoring of building services systems
08/2016 – 10/2016	Working Student Munich University of Applied Sciences (Munich, Germany) Project: Optimization of the measuring and control system of a compression chiller and carrying out experiments
10/2013 – 05/2014	Working Student Vokal und Partner (Munich, Germany) Division: Geodetic measurements and 3D laser scanning

SKILLS, SCHOLARSHIPS & HOBBIES

Languages	Bulgarian:	Mother tongue
	German:	Proficiency (C2)
	English:	Advanced (C1)
	Spanish:	Intermediate (B1)
Software	<ul style="list-style-type: none">- Programming (advanced): <i>Matlab, Python (Numpy, PyTorch, JAX)</i>- Programming (intermediate): <i>C, C++, Julia, HTML</i>- <i>Microsoft Office, LibreOffice; LaTeX, Markdown</i>- <i>Linux, Windows</i>	
Scholarships	<ul style="list-style-type: none">- Deutschlandstipendium 10/2019 – 03/2021- Hans-Rudolf-Stiftung 10/2018 – 09/2020	
Hobbies	<ul style="list-style-type: none">- Member of a club for preservation of traditional, Bavarian customs- Rock climbing, hiking	

Last update: November 2021