Curriculum Vitae

Personal Information:

Name: Vladimir Popa
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Birthday: 02.03.2000
Nationality: Romanian
Birthplace: Bucharest, Romania

Education:

10/2025 –	TUM School of Computation, Information and Technology of the Technical University of Munich (Master of Science – Mathematics in Data Science)
10/2019 – 07/2025	Department of Informatics (now part of the TUM School of Computation, Information and Technology) of the Technical University of Munich (Bachelor of Science – Informatics)
06/2019	German Abitur (Grade: 1,5) and Romanian Baccalaureate (Grade: 9,26)
09/2015 – 05/2019	Deutsche Spezialabteilung (DSA) of the German Goethe College (Focus: Mathematics-Informatics)
09/2007 – 05/2019	German Goethe College (School in Bucharest, 2007 – 2011: primary school, 2011 – 2015: middle school, 2015 – 2019: high school as part of the DSA)
09/2007 – 06/2011	National “George Enescu” Music College (Focus: Piano)
01/2004 – 07-2007	German Kindergarten “Kinderwelt” (today under the name “Alfred Fronius”) in Bucharest

Working Experience:

04/2024 –	Data Analyst at oqio GmbH in Munich
10/2021 – 04/2024	Teaching Assistant jobs for the subjects “Analysis for Informatics” (Winter Terms 2021/22, 2022/23 and 2023/24), “Linear Algebra for Informatics” (Summer Term 2022) and “Fundamentals of Artificial Intelligence” (Winter Term 2023/24)

Relevant University Activity (Courses):

Theses	"Uniform Sampling Algorithms for Spectrahedra" (Bachelor's Thesis)
Relevant Electives	Operations Research, Fundamentals of Artificial Intelligence, Modelling and Simulation, Mathematical Methods for Imaging and Visualization, Statistics for Business Administration, Applied Regression Analysis, Business Analytics and Machine Learning, Data Analysis and Visualization in R, Application and Implementation of Database Systems
Labs & Seminars	Fundamentals of Programming Lab Course (Java), Scientific Computing Lab: Molecular Dynamics Simulation (C++), Computer Architecture Lab Course (C), Using Linear Programming for Approximation Algorithms (Bachelor Seminar), Approximation Theory for Neural Networks (Master Seminar)
Ongoing Research	Research Assistant work at the Professorship of Cyber Physical Systems, Department of Computer Engineering, School of Computation, Information and Technology of the Technical University Munich (Field: Convex Geometry – Set Representations of Polytopes/Zonotopes)
Ongoing Electives	Nonlinear Optimisation: Advanced, Machine Learning, AI in Medicine, Probabilistic Techniques and Algorithms for Data Analysis, Visual Data Analytics, Introduction to Deep Learning

Stays Abroad and Internships:

04/2018	Internship at Siemens Romania
03/2018	Participation at the Model United Nations Schleswig-Holstein (MUNSH) in Kiel, Germany
06/2016	Student exchange in Leipzig, Germany through the Pädagogischer Austauschdienst (PAD) exchange program

Other Activity:

10/2016 – 07/2017	Organiser (mainly responsible for the website and marketing) of the Leadership Summer School uLead (2016-2017) and member of the editorial board of the DSA yearbook (2017)
09/2017 – 06/2019	Participation in computer science courses at the organisation "Z Builders"
06/2012 – 05/2019	Class award winner (2012-13 1. Prize, 2014 2. Prize, 2015 3. Prize, 2018 Commendation) and Class President for the classes 9.-12. C (2015-2019)

04/2014 – 04/2019	Regular participation in the national phase of the German Olympiad (2014-2019, 2015: 1. Prize, 2017: 2. Prize, 2018: Special Prize) and in the county phase for the subjects Informatics and English
10/2015 – 06/2019	Member of the debating club Lazăr Debate Club (2015-2017) and the volunteering organisation Interact Goethe-Curtea Veche (2015-2019, 2017-2018 board member, role: treasurer)
08/2015 – 06/2018	Courses on various topics (mainly character building und psychology) through the GROW (2016), Learnity (2016-2018), and Casa Paleologu (2017) organisations and on topics of art through the "Calea Victoriei" foundation (2015) in Bucharest
07/2026 –	Member of the TUM Choir
10/2026 –	Member of the Medizinerchor München

Other skills:

Native Languages	German and Romanian
Other Languages	English – fluent in speech and writing (CPE-certificate C2) French – medium in speech and good in writing (B1 language course) Spanish – a little (A1 language course)
Programming languages	Java, C/C++, Python, R, MATLAB
Hobbies	Playing the guitar and the piano, skiing, playing table tennis, choir singing, stamp collecting, sailing, windsurfing

Munich, November 11th 2026