

Resume

Dr. Andreas Hohenauer
Händelgasse 1/4/24
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PERSONAL DATA

Date of birth 11. May 1979
Citizenship Austria
Gender male
Mobile +43 664 / 541 55 27

EMPLOYMENT HISTORY

Feb. 2024 – Jan. 2025 Freelancer at *Because Software GmbH*
Software development with Angular

Sept. 2024 – Sept. 2025 Sabbatical year (no teaching duties at HTL Spengergasse)

Sept. 2016 – present Teacher/lecturer at *Higher Technical College HTL Spengergasse*
Topics and subjects: Graph theory, logic, formal languages and automaton theory, object oriented programming, web-programming, geographic information systems, digital circuits, etc.

Sept. 2010 – present Entrepreneur, co-founder, 51% owner and managing director of *Destion – IT Consulting & Software Solutions GmbH*
Business area: Operations research consulting and software solutions for aviation (airport slot allocation), transport logistics (tour planning and optimization), and telecommunications (fiber network design);
See <https://destion.at/> for more details about products and references.

Feb. 2016 – Sept. 2016 Lecturer at the research group *Data Analytics and Computing*, University of Vienna. “UE Grundlagen der Mathematik und Analysis.”

Sept. 2011 – Feb. 2015 Lecturer at the *Institute of Statistics and Operations Research*, University of Vienna. First and second semester courses in elementary business mathematics (Algebra, Analysis)

Feb. 2006 – Aug. 2010 Research and teaching assistant at the Algorithms and Datastructures Group of the Institute of Computer Graphics and Algorithms, *Vienna University of Technology*

Jan. 2000 – Feb. 2006 Part-time employee at *Hewlett-Packard*, Department CRM, Austria and EMEA. Responsibilities: EMEA project management, database administration, intranet application development;

2000 – 2002 Several internships at *Bank Austria*

May 1998 – Sept. 1999 Civillian service (“Zivildienst”) at *Arbeiter Samariter Bund* as ambulance driver. Subsequent full-time employment for four months.

SPECIAL QUALIFICATIONS

My main interest lies in the area of solving complex problems relevant to industry and businesses. This consists of developing algorithms to solve the underlying problems, as well as designing and implementing respective software solutions including backends with databases, interfaces and frontends. I have a strong emphasis on clean code, software quality (tests) and user experience and a passion for developing modern and innovative software solutions.

Programming languages and libraries:

- html, CSS, JavaScript, Typescript, Angular
- Java (Spring Boot, Vaadin)
- C/C++ (Boost, Qt)
- Further languages: Python, Perl, PHP, C#

Tools: Git, Postman, Swagger, npm, L^AT_EX, TikZ, CPLEX, Docker, VirtualBox

Databases: PostgreSQL, MySQL, Oracle, MS SQL Server, H2, Actian/Pervasive

IDEs: VSCode, IntelliJ, Eclipse, Rider, PyCharm, QtCreator

EDUCATION

June 2010 Graduation to *Doctor technicae (Dr. techn.)* with distinction; PhD thesis: “On the Minimum Label Spanning Tree Problem: Solution Methods and Algorithms” supervised by Prof. Günther Raidl at the Vienna University of Technology

Jan. 2008 Graduation to *Magister (Mag.rer.soc.oec.)* of master program *Informatikmanagement* (Vienna University of Technology)

May 2006 “Distinguished Young Alumnus Award” from the Faculty of Informatics of the Vienna University of Technology

Feb. 2006 Graduation to *Diplomingenieur (Dipl.-Ing.)*, which is comparable to *Master of Science (MSc)*, of master program *Computational Intelligence* with distinction (Vienna University of Technology)

2005 Finished first part of astronomy studies with distinction (University of Vienna)

2003 Graduation to *Bachelor of Science (BSc)* of bachelor program *Software and Information Engineering* (Vienna University of Technology)

Vienna, January 2025