Benjamin Schott

Anhalter Straße 8, 04129 Leipzig, Germnay

+49(0)15731161634
https://www.linkedin.com/in/databenjamin/

WORK EXPERIENCE

11/2021 - 10/2023	**Software developer Data Science, Leipziger Stadtwerke GmbH**, Leipzig Development of a microservice for energy consumption forecasting for energy trading; Python, FastAPI, PyTorch, SQLAlchemy Development of a microservice for data integration (Java Spring Boot)
07/2021 - 10/2021	**Software developer IoT, Leipziger Stadtwerke GmbH (external contract)**, Leipzig, Germany Programming features, refactoring, testing, documenting code Technologies: Python, Linux, Git, Gitlab CI CD, Sphinx, Bash
2018 - 2020	**High school teacher for maths and physics**, Goethe-Gymnasium Leipzig, Germany Instruction in grades 5, 6 and 7 in mathematics and physics
2016	**Founder**, PiBoot (Ltd.), Leipzig.
2016	**Programmer and TEX/XML setter,** le-tex publishing services GmbH, Leipzig worked on scientific books at a publishing company (e.g. for Springer-Verlag)
2013 - 2014	**Student assistant**, Prof. Janke, University of Leipzig. Supervision of the exercises of the courses Numerics, Theoretical Physics TP4, Statistical Physics I. and Computational Physics

EDUCATION

2016	**Master of Science Physics, University of Leipzig**, grade 1.4 (GPA 3.6) **Master thesis**: *Aggregation of Lattice Polymers*,Prof. Janke, Institute of Theoretical Physics. Investigation of the behaviour of complex systems Simulation programs in C/C++, evaluations/analyses with Python and R
2009/10	**ERASMUS studies**, **Université de Provence**, Marseille, France
2007-2011	**Bachelor of Science Physics, University of Leipzig** - Fundamental physics studies with a final thesis in Experimental Physics
2006	**Abitur**, Matthes-Enderlein-Gymnasium Zwönitz, Abitur grade: 2.0

OTHER PROGRAMMING EXPERTISE AND SKILLS

2013	**Visiting Scientist**, Institute for Computing, **Forschungszentrum Jülich**. Dynamics of Heisenberg spin systems (Computational Physics), simulation programs and evaluation in FORTRAN, Python and R Insight into the workings of a supercomputer computing centre **Research fellowship from IBM Germany**
2011	**Summer School Modern Computational Science**, University Oldenburg Topic: Simulation of extreme events; various power-law distributions
2010	**Lecture Numérique**, Université de Provence, Marseille, France Practical course implementing of different sorting algorithms in C

INTERESTS

Languages	German (native speaker), English (IELTS 7.5) and French (fluent)
Technology	Python, Linux, SQL, Java, Docker, R, Bash, CI/CD, Jetbrains IDEs, Pandas, Numpy, Time Series Analysis, PostGRES, Influx, Data Analysis, Microservices
Interests	Cycling, Bouldering, Mountaineering, Literature, member of Python-Software-Verband e.V. and Leipzig Python User Group