

## Address

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# SilvioSchwarz

## Geophysicist (B.Sc.)

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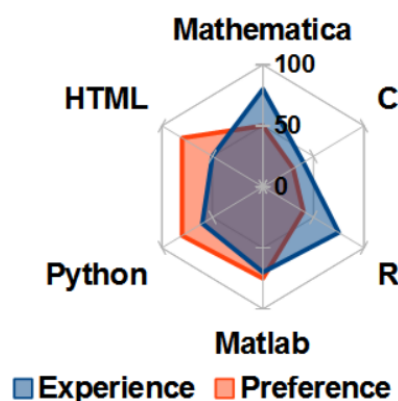
## Web

github.com/silvioschwarz  
linkedin.com/in/silvioschwarz  
mathematica-silvio.blogspot  
silvioschwarz.no-ip.org  
(offline – contact me!)

## OS Preferences

GNU/Linux ★★★★★  
Windows ★★★★★  
MacOS ★★★★★

## Programming



## Languages

German ★★★★★  
English ★★★★★  
Italian ★★★★★  
French ★★★★★

## Education

- 10/2011 - Present **Master of Science** [Universität Potsdam, Germany](#)  
Earth Science  
Specialization in Geophysics  
Main subjects: Seismology, Probability Theory, Machine Learning, Data Processing  
Thesis: Forecasting Macroseismic Intensities: A Sensitivity Study of a Bayesian Approach
- 10/2008 - 09/2011 **Bachelor of Science** [Universität Potsdam, Germany](#)  
Earth Science  
Main subjects: Physics, Mathematics, Chemistry, Geology  
Thesis: Simulation von Bodenbewegungsszenarien von Starkbeben (German)  
Thesis activity was carried out during a position as student research assistant at University Potsdam.
- 08/2000 - 05/2008 **Abitur** [Klosterschule Roßleben, Germany](#)  
Secondary School  
Main subjects: Geography, Mathematics  
Thesis: Naturkatastrophen und ihr Einfluss auf das Leben in der Gegenwart (German)

## Experience

- 08/2014 - 06/2015 (11 Months) **Student Employee** [Assecor GmbH, Berlin, Germany](#)  
Support in documentation of the power supply system of Berlin, Germany for Vattenfall Europe Sales GmbH
- 11/2013 - 03/2014 (5 Months) **Student Employee** [Assecor GmbH, Berlin, Germany](#)  
Migration of IT Infrastructure to Windows 7 for BIOTRONIK SE & Co. KG
- 09/2012 - 11/2012 (3 Months) **Internship** [Wolfram|Alpha, LLC, Champaign, IL, USA](#)  
Research and Development  
Development of geophysical content for Wolfram|Alpha
- 06/2011 - 08/2012 (1 Year 3 Months) **Student Research Assistant** [Universität Potsdam, Germany](#)  
Geophysical prospection, seismological model building, consulting for the Council for Geoscience, Pretoria, South Africa
- 02/2011 - 03/2011 (1 Month) **Internship** [Universität Leipzig, Germany](#)  
Maintenance of the Saxonian Seismological Network, e.g. configuring ISDN routers, collecting data from seismological stations, data preparation for relocation using double difference times
- 03/2010 - 05/2010 (3 Months) **Student Research Assistant** [Universität Potsdam, Germany](#)  
Testing Mathematica routines used for seismic hazard assessment