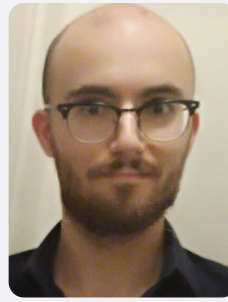


Silvio Schwarz

Geophysicist (B.Sc.)

Philosophy:

- open-source, replicable, cross-disciplinary
- failure is part of progress
- reliability beats sophistication



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Zeppelinstraße 162, 3.2
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Telephone

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Email

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Web



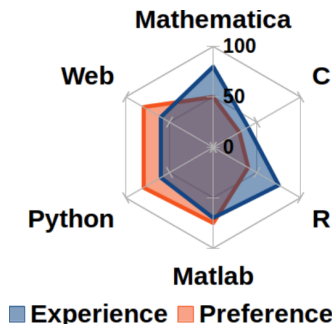
Global Experience



OS Preference



Programming



Languages



Interests



Education

Master of Science

Earth Sciences

Geophysics,
Machine Learning

Thesis 1:

cancelled^a

Forecasting Macro- eruptive tremor
seismic Intensities: sources during
Sensitivity Study the 2014/15
of a Bayesian Approach

^adue to illness

Thesis 2:

Classification of
Simulation von Bodenbewe-
gungsszenarien von Starkbeben
(German)
Holuhraun erup-
tion, Iceland

Bachelor of Science

Earth Sciences

Geology, Math, Physics,
Chemistry

Thesis:

Simulation von Bodenbewe-
gungsszenarien von Starkbeben
(German)
Simulating Ground Motion Sce-
narios of strong Earthquakes

Abitur

Exams:

Maths, Geography,
English, Philosophy

Thesis:

Naturkatastrophen und
ihr Einfluss auf das Le-
ben im 21. Jahrhundert
(German)

Natural Disasters
and their Impact on
Life in the 21st century

10/2011 - present

[Universität Potsdam](#)

10/2008 - 09/2011

[Universität Potsdam](#)

08/2000 - 05/2008

[Klosterschule Roßleben](#)

Work Experience

- 11/2017 **Student Trainee**
- [DB Dialog](#)
- 03/2018 Customer Support in
(5 months) passenger rights
- 08/2014 **Student Trainee**
- [Assecor GmbH](#)
- 06/2015 GIS Documentation of the
(11 months) power grid Berlin, Germany for
Vattenfall Europe Sales GmbH
- 11/2013 **Student Trainee**
- [Assecor GmbH](#)
- 03/2014 Migration of the IT Infrastructure for
(5 months) BIOTRONIK SE & Co. KG

- 05/2019 **Student Researcher**
- [Universität Potsdam](#)
- 11/2019 Classification of eruptive tremor
(6 months) sources in Iceland
- Supervision:**
[Prof. Eva Eibl](#)
- 09/2012 **Master Internship**
- [Wolfram|Alpha, IL, USA](#)
- 11/2012 Development of geophysical con-
(3 months) tent for Wolfram | Alpha
- Example**
Supervision:
[Dr. Björn Zimmermann](#)
[Dr. Michael Trott](#)

Projects

- [TerremotoPi](#)
Live stream ground motion, powered by
RaspberryPi®
- [EQ:S2S](#)
Source-to-Site distances for Earthquakes
- [HackHPI'19: TerrorXAfrica](#)
(read: Terror across Africa)
Fighting Terrorism across Africa through
the means of data science!

- 06/2011 **Student Researcher**
- [Universität Potsdam](#)
- 08/2012 SSHAC LEVEL 3 PSHA
(1 year model building and consulting
3 months) **Supervision:**
[Prof. Frank Scherbaum](#)
[Prof. Julian J. Bommer](#)
- 03/2011 **Bachelor Internship**
- [Universität Leipzig](#)
- 04/2011 Seismological Network of Saxony
(1 month) **Supervision:**
[Dipl. Geophys. S. Funke](#)