



RESUME STEFAN BRUNHUBER, MSc

PROFESSIONAL EXPERIENCE

2019 - today

LOOP New Media GmbH

DATA SCIENTIST

As the first Data Scientist at LOOP I am responsible for the conception & development of data products ranging from data analytics, to growth hacking, and machine learning

Projects

- Data App Development with RShiny
 - conception, architecture, data warehousing, analytics, visualizations, machine learning models, deployment
- Product Recommendation Engine
 - model development, evaluation, deployment ongoing

2015 - 2019

AMER SPORTS / SELF EMPLOYED

WEB DEVELOPMENT - MARKETING & DATA

Developing **Websites and Webtools** for Marketing & Data Visualization

2015 - 2017

MUNICH RE and UNIVERSITY OF INNSBRUCK

MASTER'S THESIS

Research was conducted on the temporal and spatial prediction of extratropical storm risk. The outcome was a new hazard map published and integrated into **Munich Re's Risk Suite**.

08 / 2014

MAGICSEAWEED

INTERN

- Surf Forecasting (see **Contributions**)
- Sea Surface Modeling

06 - 12 / 2013

MUNICH RE

INTERN

- Supporting the Meteorological Risk Team
- Developing a GUI for NatCat Loss Database (Matlab & SQL)

INFO

- NAME
STEFAN W. BRUNHUBER
- DATE OF BIRTH
06.12.1989
- E-MAIL
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PROFILE

I am a Data Scientist, Engineer & Developer with a background in Atmospheric Sciences who enjoys solving real world challenges with data combining analytics, data visualization, statistical modeling, machine learning, deep learning, creativity, and curiosity. I try to be innovative and creative in my work and life as well as in my hobbies such as exploring the world.

LANGUAGES

GERMAN native	ENGLISH business fluent
SPANISH moderate school, travels	FRENCH moderate school

INTERESTS

- SPORTS**
Snowboard, Ski-Touring, Surfing, Climbing, Soccer, Fitness
- TRAVELS**
Surf Travels, Adventure, Culture
- PHOTOGRAPHY**
Sports, Nature



EDUCATION

2014 - 2017

MASTER'S DEGREE IN ATMOSPHERIC SCIENCES

ACINN - University of Innsbruck

Thesis: **Return Periods of Extratropical Storms in Europe: A Spatial Prediction Approach**

Advisors: ao. Univ.-Prof. Dr. Georg Mayr, John Hanley PhD

2009 - 2013

BACHELOR'S DEGREE IN ATMOSPHERIC SCIENCES

ACINN - University of Innsbruck

Thesis: **Visualization of Climate Change**

Advisor: Univ. Prof. Ben Marzeion PhD

EXPERTISE AND SKILLS

DATA & RISK

Data Strategy
Data Product Conception
Data Analysis & Visualization
Statistics
Machine Learning / Deep Learning
Catastrophe Risk Modeling

MODELS & STATISTICS

Clustering Models
Collaborative Filtering
Decision Trees / Random Forest
Extreme Value Theory
Generalized Additive Modeling
Sequence Modeling (LSTM, CNN)
Time Series Analysis & Forecasting

WEB

RShiny
Databases
Web Development

TECH STACK

Linux Bash	●●●●●●●●●●
R / R Shiny	●●●●●●●●●●
Python	●●●●●●●●●●
Docker	●●●●●●●●●●
MySQL	●●●●●●●●●●
SQL	●●●●●●●●●●
Git	●●●●●●●●●●
PHP	●●●●●●●●●●
ArcGIS / QGIS	●●●●●●●●●●
JS- JQuery	●●●●●●●●●●
HTML / CSS	●●●●●●●●●●
Bootstrap	●●●●●●●●●●
Wordpress	●●●●●●●●●●

PROJECTS

Travel Blog - US East Coast to Colombia
www.goforthesearch.com/blog