

# Sandro Luck

Data Scientist



## Address

14.04.1993



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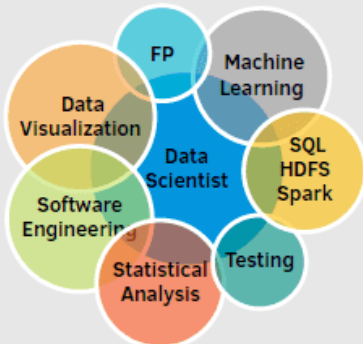
**Email**



SandroLuck

## Skills

### Overview



## Languages

German, native

English, CAE (C1)

Romansh, native

Italian, basic

## Education

09.2018 - 11.2020	<b>MSc. Informatics</b>	ETH Zürich, Switzerland
09.2014 - 02.2018	<b>BSc. Software Systems</b>	University of Zürich, Switzerland
09.2006 - 09.2012	<b>High School Diploma – Bilingual Romansh/German</b>	Kantonschule Chur, Switzerland

## Programming

Good: Python • PyTorch • Numpy • Typescript • Pandas

Medium: Scala • Git • SQL • TensorFlow • Scala • Regex • C# • JS

Medium: HTML • Linux • Unity • SonarQube • CSS • Solidity

## Experience

- Sep 2018 - Jul 2019 **Designing and Developing a Labeling Software** Teralytics
- Improving an internal Labeling Tool for Geospatial Big Data
  - Front/Backend Development, React, Typescript, HDFS, Spark
  - Requirements Elicitation, Documentation and Testing
- April 2018 - Aug 2018 **Internship Data Science / Software Engineering** Teralytics
- Processing and analyzing Geospatial Data
  - Delivering aggregated insights about movement patterns of commuters to customers
  - Developing internal tools for Deployment and Big Data use cases
  - Using Scala, Spark, Python, HDFS, Ansible
- June 2016 - Sep 2016 **Internship Software Engineering** WENZEL Metromec AG
- Creating a code analysis environment for C, C++, Python, Delphi
  - Extending/Integrating SonarQube Delphi plugin and SonarQube
  - Integrate and extended tool for test coverage using Java and Python

## Projects

- Aug 2016 - **SonarQube Delphi** <https://github.com/SandroLuck/SonarDelphi>
- SonarQube plugin for the static analysis of Delphi-code
- Aug 2017 - **SCGenerator** <https://github.com/SandroLuck/SCGenerator>
- Smart Contract (Solidity) Generator web solution for IoT use cases
- Jan 2018 - **Collab. Metric Learning** <https://github.com/SandroLuck/CML-EN>
- Eccentric Recommender system, Published in WSDM 2019
- June 2020 - **Medley2K, Dataset for ML** <https://arxiv.org/abs/2008.11159>
- Creating a Music Dataset, Published in MML 2020 at ECML-PKDD
- Nov 2020 - **MSc Thesis, NLP ICD Coding**
- Using Modern NLP / Bert to predict ICD-Codes from medical texts