

Gabriel Bueno de Moraes Fior



Personal Information

Contact Details	Kleine Alexanderstraße 6 10178 Berlin Tel.: +49 171 9714856
Email	fior.gbm@gmail.com
Date of birth	31.01.1991
Nationality	Brazilian

Education

10/2015 – 05/2017	University of Oxford, England M.Sc. in Software Engineering (Part-Time) <ul style="list-style-type: none">Expected completion of studies: 12/2020
10/2015 – 05/2017	Technische Universität München, Germany M.Sc. in Physics – focus Applied and Engineering Physics (Grade: 2,0) <ul style="list-style-type: none">Master Thesis: Study of impact ionization by a proton bunch
03/2009 – 06/2015	Federal University of São Carlos, Brazil B.Sc. Engineering Physics. Grade: 7.9 / 10.0 (top 10%) <ul style="list-style-type: none">Research focused on nanosimulations using Matlab (2 papers published)Exchange program in Germany (09.2012 – 03.2014)
01/2006 – 12/2008	Anglo Limeira High School, Limeira, Brazil <ul style="list-style-type: none">Grade on senior year: 9.5 / 10.0 (top 5%)

Professional Experience

Since 06/2017	d-fine GmbH, Germany Consultant <ul style="list-style-type: none">Agile software engineering in financial institutions using Java Spring, SQL and Python.
04/2016 – 03/2017	Celonis GmbH, Germany Data Scientist <ul style="list-style-type: none">Data Mining using SQL, Spoon and PythonFormulated analysis for visualizing KPIs for different business processes

Internships

01/2015 – 05/2015	Visagio Consulting, Brazil Projects focused on budget monitoring and system implementation using Java.
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Research activities

04/2016 – 05/2017

Max-Planck Institute for Physics, Germany.

Master Thesis: Simulation of ionization by high energy protons

- Data analysis of particle collisions using Python and C++

11/2012 – 10/2013

Physics Department, Technische Universität München, Germany.

Diploma Thesis

- X-Ray Computed tomography measurements, image reconstruction

Certifications

12/2016

Machine Learning: Regression, University of Washington, Coursera

- Introduction to Linear Regression, Ridge and Lasso algorithms
- Algorithm for price prediction of house prices

08/2016

Machine Learning: A Case Study, University of Washington, Coursera

- Overview of Regression, Classification, Random Forests
- Developed basic sentiment analysis algorithm

10/2019

Certified Celonis Data Engineer

Scholarships and Awards

01/2012 – 02/2012

DAAD Scholarship – Winter Course, Essen, Germany

12/2008

Silver medal in the São Paulo State Physics Olympiad

12/2008

Honorable mention in the Brazilian Physics Olympiad

Extramural Commitment

03/2009 – 06/2015

Federal University of São Carlos Basketball Team

- Team captain in 2014

Language Skills

Portuguese

Native language

English

Fluent (TOEFL Ibt: 112 / 120)

German

Fluent

Computing Skills

MS Word, Excel, Power Point

Advanced knowledge

Python (scikit-learn, numpy, scipy, pandas)

Advanced knowledge

Machine Learning: Classification, Regression

Advanced knowledge

Java, SQL

Advanced knowledge

R

Good knowledge

Munich, November 2019.

