


MANUEL MARTINS

PhD Candidate

 22 December 1993

 Porto, Portugal

Profile

Abstract thinker

Quick learner


Effective communicator

Team worker


Cheerful and international

Mag andere neugierige Leute

Reach me

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Languages

Portuguese

English

German

Spanish

French

About me

I am a mathematician transitioning from academia to industry. I have done research, programming, tutoring, have lived abroad 7+ years (Germany, Netherlands), learned other cultures and ways of thinking, now it is time to try something new close to home.

I love being challenged and sharing what I learn. I can be competitive but I take pride in helping others thrive. Empathy, curiosity and wit are some of the traits I value the most.

Interests: Machine-learning, recursive programming, algorithm design.

Education

Technische Universität Dresden, Ph.D. Mathematics 2017-
Quantum groups acting transitively on singular curves. 1 publication. 5 invited talks. Supplementary coursework in applied maths: Risk Theory and Modelling, Scientific Computing in C++, Object Oriented Programming in Java

Universidade do Porto, M.Sc. Mathematics 2014-2016
Dissertation "Hopf Algebras and Ore Extensions". Grade 18/20.
Erasmus, VU Amsterdam, Netherlands, Jan - Jul 2015

Universidade do Porto, B.Sc. Mathematics 2011-2014
Awarded 6 prizes, incl. highest classification in the class of 2014. Grade 19/20.

Experience

Research Assistant TU Dresden 2017
Research, seminar participation, teaching assistant in Differential Geometry. Formally employed by the university before being awarded a full PhD scholarship.

Research Scholar Fundação Calouste Gulbenkian, CMUP 2012-2014, 2016
Awarded introduction-to-research grants *Novos Talentos em Matemática* for two consecutive years. 1 publication. 2 summer schools. 2 yearly reports and presentations. 1 three-month research grant in Algebraic Geometry in Fall 2016.

Tutoring, Monitor Private, U. Porto 2012-2023
Several highschool and university students in preparation for exams or thesis revision. Monitor during summer schools with highschool students in Sep 2011 and Sep 2013.

Skills

Abstract Mathematics

Python

Matlab

Java

C++

During my PhD I wrote an algebraic symbolic calculator in Python to automate computations in non-commutative algebras.

Experienced Git and Latex user. Knowledge of MS Office and collaboration software.

Currently learning SQL and implementations of machine-learning.

Additional Info

Besides mathematics, I enjoy history, world building, video and board games, heavy music, bonus points when these things are combined. And nothing like a good cup of coffee.