Rodrigo Marques

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Education

2019 – 2023 **MSc Computer Science (Reliable Computing), University of Porto**

2016 – 2019 **BSc Computer Science, University of Porto**

Experience

2023 – curr **Invited Assistant (University Teacher), University of Porto**

2021 – 2022 **Gameplay Programmer, NORTHWIND**

Teaching

Fall 2024 Functional and Logic Programming (L.EIC024)

Spring 2024 Functional Programming (CC1005)
Programming (L.EIC009)

Fall 2023 Introduction to Programming (CC1024)
Programming Fundamentals (L.EIC003)

Dissertation

MSc **Subtyping: Study and Implementation**
Studied the combination of algebraic subtyping with row polymorphism and field types, and type inference for this system

Publications

Haskell 2024 **A Lazy Abstract Machine for a Tracing Interpreter**
*Pedro Vasconcelos, **Rodrigo Marques***
17th ACM SIGPLAN International Haskell Symposium

IFL 2023 **A Lazy Abstract Machine Based on a Pattern-Matching Calculus**
*Pedro Vasconcelos, **Rodrigo Marques***
35th Symposium on Implementation and Application of Functional Languages

Presentations

ML 2022 **Towards Algebraic Subtyping for Extensible Records**
***Rodrigo Marques**, Mário Florido, Pedro Vasconcelos*
Extended abstract presented at: ML Workshop at the 27th ACM SIGPLAN International Conference on Functional Programming