

Regina de Brito Duarte

Human-AI Interaction | Responsible AI & Decision Science | Science for Policy | AI Public Policy

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Regina is an AI researcher and Data Scientist specializing in human-AI interaction and evidence-based decision-making. Currently a PhD candidate at INESC-ID and Instituto Superior Técnico, her research investigates how hybrid decision processes influence human behavior and how technical systems, including Explainable AI (XAI), can be optimized for transparency and better outcomes.

With three years of industry experience in retail and banking, Regina is now pivoting her focus toward Science for Policy. She aims to leverage her expertise in data analytics, behavioral science, and multidisciplinary research to enhance the evaluation of public policies. She is committed to driving more rigorous, data-informed policy design, ensuring that public interventions are backed by robust analysis and responsible innovation to better serve society.

Work Experience

Instituto de Engenharia de sistemas e computadores (INESC-ID)

May 2023 – Now

Junior Researcher/ Ph.D. Student

Project: Center for Responsible AI

Main task: Designed and executed mixed methods user studies on AI-Assisted Decision-Making tasks (e.g., Clinical Diagnosis, Fake News Detection, Predictive tasks) with different interaction designs to understand human behavior and decision-making outcomes.

Results: Publication in relevant venues like ACM CHI and Q1 journals.

BNP Paribas Personal Finance

Sep 2021 – May 2023

Risk Data Scientist

Main tasks: Development of predictive risk models (PD, LGD and EAD) using Python, handling large-scale financial datasets to improve decision accuracy and mitigating risk.

Unipartner SA

Nov 2020 – Sep 2021

Data & AI Consultant

Main tasks: Consulted data strategy and implemented ML solutions for client business optimization.

Instituto de Engenharia de sistemas e computadores (INESC-ID)

Nov 2019 – April 2020

Junior Researcher

Project: Complex Networks and Evolution Game Theory to Study Corruption Dynamics.

Education

University of Lisbon, Instituto Superior Técnico

Feb 2023 – July 2027 (expected)

Ph.D. in Computer Science and Engineering

Supervisors: Prof. Ana Paiva and Prof. Joana Campos

ISCTE – Instituto Universitário de Lisboa

Sep 2026 – April 2027

Postgraduate in Evaluation of Public Policy

University of Lisbon, Instituto Superior Técnico

Sep 2019 – Sep 2022

M.Sc. in Data Science and Engineering

Grade: 18 / 20

University of Lisbon, Faculty of Sciences

Sep 2016 – Jul 2019

B.Sc. in Applied Mathematics

Grade: 17 / 20

Most Relevant Publications

[P1] Regina de Brito Duarte, Mónica Abreu, Joana Campos, Ana Paiva, “The amplifying effect of explainability in AI-assisted decision-making in groups”, ACM CHI 2025.

[P2] Regina de Brito Duarte, Joana Campos, "Looking for Cognitive Bias in AI-Assisted Decision-Making", Hybrid Human-Artificial Intelligence Conference (HHAI), Malmo, 2024.

[P3] Regina de Brito Duarte, Filipa Correia, Patricia Arriaga, Ana Paiva, “AI Trust: Can Explainable AI Enhance War-ranted Trust?”, Human Behavior and Emerging Technologies 2023.

Public Speaking & Outreach

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| • BNP ANALYTICS HUB SEMINAR – Invited speaker
“RESPONSIBLE AI” | Mar 2026 |
| • Nokia × PMI Workshop — Invited speaker
"AI-Assisted Decision Making and Its Consequences” | Nov 2025 |
| • Critical Software Tech Talks — Invited speaker
"Looking at AI-Assisted Decision-Making" | Mar 2025 |
| • Mindstone AI Meetup, Lisbon
"Impacts of AI-Assisted Decision-Making and Why We Should Care" | Feb 2025 |
| • Premium Minds Hackathon — Opening talk
"From Generative AI Hype to AI Assistants in Collaborative Work" | Feb 2024 |

Other Academic Experiences

Reviewer	
CHI, ACM	Oct 2025
Artificial Intelligence, Elsevier	April 2024
HRI, ACM/IEEE	Nov 2023

Teaching Experience	
University of Lisbon, Instituto Superior Técnico	Sep 2023 – Now
Teaching Assistant	
• Course: (BSc) Logic for Programming (Fall 2023, Fall 2024, Fall 2025)	
• Course: (BSc) Artificial Intelligence (Spring 2024, Spring 2026)	
• Course: (BSc) Programming Fundamentals (Fall 2026)	
• Course: (MSc) Planning, Learning and Intelligent Decision Making (Spring 2026, Spring 2027)	
• Course: (MSc) Human-AI Interaction (Spring 2027)	