

## **Dr. Isaac CAICEDO-CASTRO**

Isaac Caicedo-Castro has been a tenured professor at the University of Córdoba (Colombia) since 2008. He is currently a Full Professor in the Department of Systems Engineering and Telecommunications, where he conducts research on data science applications in education, well-being, health, and software engineering, among other areas. He teaches numerical methods, nonlinear programming, and machine learning and has also lectured on data analysis in the M.Sc. in Industrial Engineering program.



Isaac serves on the steering committee for the International Conference on Generative Pre-trained Transformer Models and Beyond. He has written over 20 scientific publications, including refereed journal articles, conference papers, and books. His research has been recognized with two awards, including the Best Paper Award at CORIA 2015 (COnférence en Recherche d'Information et Applications) and Patterns 2023 (The Fifteenth International Conference on Pervasive Patterns and Applications). He was also a member of the Zika Virus Statistical Analysis Working Group at the World Health Organization (see page 21 of the Annual Meeting Report of the Zika Virus Individual Participant Data Consortium). Additionally, he has been a reviewer of journal and conference papers.

Isaac holds dual Ph.D. degrees: one in Computer Science from the University of Grenoble Alpes and another in Systems and Computing Engineering from the National University of Colombia. He also earned an M.Sc. in Systems Engineering and Computing from the University of Los Andes (Colombia). His Ph.D. studies were funded by Minciencias-Colfuturo (Grant 528) and the University of Córdoba. So far, he has mentored 5 M.Sc. students and 7 B.Sc. students.

Beyond academia, Isaac is happily married and cherishes time with his children. He volunteers at Manantial de Dios (Spring of God) Church and enjoys playing the piano, baking bread and pizza, exercising (calisthenics and weightlifting), reading science fiction, and watching films and TV series in his free time.

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\*<https://cdn.who.int/media/docs/default-source/hrp/zikv/zikv-ipd-consortium-2021-report.pdf>