ANA PAULA CENTENO

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EXPERIENCE AT RUTGERS UNIVERSITY

Fall 2014 - present

Awards

· Provost's Award for Excellence in STEM Diversity, 2021.

Teaching

· CS-LLC Great Ideas in Computer Science Seminar, Spring 2019 - present.
· Introduction to Computer Science, Fall 2015 - present.
· Data Structures, Fall 2015 - present.
· Computer Architecture, Fall 2014, Spring 2015.

Proposals

· MLiSS: A Machine Learning Student Behavior Model to Identify Struggling Students in Introductory CS Courses. August 2020. Not funded.

Student Mentoring

· *Computer Science Living and Learning Community Advisor*: the mentoring role to the CS-LLC includes one seminar per academic year and review sessions during exams, Fall 2018 - present.
· *SAS Mentor*, Fall 2018 - present.
· *Member of the CS Academic Advising Team*: this role includes 2 hours of academic advising to students per week, Spring 2016 - present.
· *HackHers and HackRU Judge*, Spring 2016 - present.

Women in Computer Science Initiative

· Member of Rutgers Women in Computer Science Initiative partnership between DIMACS, the Department of Computer Science, and the Douglass Residential College aimed at increasing the percentage of undergraduate women majoring and minoring in Computer Science at Rutgers and elsewhere.
· Head of coordinating committee.

Academic Administrative Activities

· Team lead for the *modernization and standardization* of the Data Structures course, Fall 2020.
· *Coordinator of the Data Structures course*: responsible for the (a) organization of lecture and recitation material, assignments and exams, (b) coordination of 20 Learning Assistants, 20 tutors and 10 graders, and (c) exam coordination, Spring 2021 - present.
· Team lead for the *modernization and standardization* of the Introduction to Computer Science course, Summer 2019.
· *Coordinator of the Introduction to Computer Science course*: responsible for the (a) organization of lecture and recitation material, assignments and exams, (b) coordination of 30 Learning Assistants and 30 graders, and (c) exam coordination, Spring 2018 - Spring 2021.

Student Advising and Research

· *Member of the CS Education Research group*: modeling of struggling students.

· *Dynamic Recitation*: advised undergraduate student during development of a student-focused, goal oriented, recitation management platform.

EDUCATION

· **Ph.D.**, Computer Science, Rutgers University, Piscataway, NJ 2019
· **M.S.**, Computer Science, Stony Brook University, Stony Brook, NY, 2003.
· **M.S.**, Computer Science, Federal University of Rio Grande do Sul, Porto Alegre, RS, Brazil, 1999.
· **B.S.**, Computer Science, Catholic University of Pelotas, Pelotas, RS, Brazil, 1997.