

RAFAELLA SAMPAIO

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EDUCATION

University of Pittsburgh • Ph.D. in Information Science 2024 - Present

K. Leroy Irvis Fellowship

Federal University of Ceará • B.Sc. in Systems and Digital Media 2019 - 2023

Summa Cum Laude

Thesis: A Responsive Web Application to Catalog Public Works

Merchant Marine Officers Training School • B.Sc. in Nautical Science 2013 - 2017

Equivalent to a Bachelor's degree in Administration to the Brazilian Federal Council of Administration (CFA)

Thesis: Intro to Remote Sensing: a Tool to Be Explored in the Maritime Navigation

EXPERIENCE

University of Pittsburgh, Pittsburgh • Graduate Research Student 01/2024 - 08/2024

Helped planning and executing game-development workshops for high- and middle-school students, with the purpose of teaching them computational skills and increasing their proximity to STEM-related careers.

Investigated and developed new tools to aid instructors and students of a hybrid anatomy course in the Physical Therapy department.

Intmed, Brazil • Software Developer 03/2023 - 11/2023

Developed a centralized system for Brazil's largest health maintenance organization, including requests and results of exams, monitoring of patients' vital signs, check-in and check-out of patients, managing beds, etc. The system covered all the organization's hospitals and the different levels of access of different professionals (e.g. physicians, nurses, administrators).

Fundação ASTEF, Brazil • Software Developer 08/2021 - 02/2023

Developed an interactive map of criminal activities for the state's Secretariat of Public Security. This system included several different filters (e.g. types of crimes, specific days of the week or times of the day, timeframes, areas in the city) and personalizations to allow the planning of police operations.

Contributed to both front- and back-end development of a Dell Technologies' world-wide system for support coverage of technical support.

WDA Tecnologia, Brazil • Software Developer 11/2020 - 08/2021

Front-end development of a delivery system and a robust system for requisite control of an electrical company's products.

SKILLS

- Programming/Scripting Languages - JavaScript, TypeScript, Python, Java, C#, SQL.
- Frameworks/Tools - Vue, React, Node, Git.
- Languages - Fluent English, native Portuguese, basic/intermediate Japanese, and basic Spanish.

SERVICES

- Student Volunteer - 25th International Conference on Artificial Intelligence in Education (AIED 2024).