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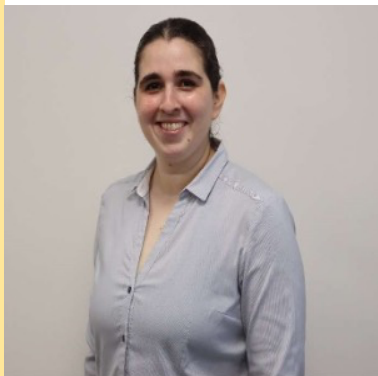
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<https://xpati.github.io/website/>

10-10-1989

Funchal - Madeira

# Sara Tranquada



## Summary

I have a PhD in Digital Media focusing on woman and computer-oriented capacities. Prior to my PhD, I provided technical and technological support to doctors and medical staff at a clinic. This position led to the realization that programing and creating solutions that provide value to the customer was my call.

## Skills

- Programming Languages (HTML, CSS, JavaScript, PHP, Python, TypeScript)
- Framework (Bulma, Bootstrap, React, WordPress)
- Website development in Bootstrap: [clinicajv.pt](http://clinicajv.pt), WordPress: [addomini.com](http://addomini.com), personal website in React: <https://xpati.github.io/website/>
- Application development in Android Studio

## Certifications

- Photography, David Francisco - University of Madeira,
- Project Management Course, Carolina Santos - NOVA Doctoral School
- Research Data Management Course, Fernando Bração - NOVA Doctoral School

## Experience

### Application Developer (29/08/2022 to Current)

Nearsoft, Funchal, Madeira

Development of mobile application using react native.

### Web Developer (09/2021 to 05/2022)

See Heath, LDA, Funchal, Madeira

Creation of static and dynamic websites, in bootstrap, react and svelte. Implemented a customized email signature template for professional and consistent communication. Provide email support to Madeira Safe.

### Administrative Technique III (11/2020 to 03/2021)

Clínica da Sé, LDA, Funchal, Madeira

Provided computer assistance for clinic programs and technologies. Proficient in troubleshooting and resolving technical issues promptly. Implemented regular software updates, system upgrades, and robust backup procedures to ensure data integrity and enhance overall system performance.

### ERA CHAIR Researcher (10/2015 to 08/2018)

Madeira Interactive Technologies, Funchal, Madeira

Thesis: Confronting the Numbers of Women in Technical Fields, Making the Gender Gap in Computing Visible and Debatable.

- Research Skills Development Course - NOVA Doctoral School
- Data Processing Automation (Python) Course, Ludwig Krippahl - NOVA Doctoral School
- Master React Native Animations, Jason Brown - Udemy
- Wall Street English C1

## Research & Publications

- Contribution of a chapter: "Mulheres e a tecnologia" / coord. Elsa Páscoa. - 1ª ed.
- Participation of an audio episode "Bastidores da Ciência" | Ep. 18, by ARDITI
- Presented doctoral research on VIII STS Italia Conference 2021
- Contribution of a chapter: "Bias Retraining" in Wilful Technologies Rage & Resilience. Edited by Madeline Balaam & Lone Koefoed Hansen
- Co-chaired the Doctoral Consortium at the ECCE 2019 - European Conference on Cognitive Ergonomics
- Student Volunteer 11th Advances in Computer Entertainment Technology Conference
- [https://doi.org/10.1007/978-3-319-03161-3\\_71](https://doi.org/10.1007/978-3-319-03161-3_71)
- <https://doi.org/10.14236/ewic/HCI.2018.163>
- <https://doi.org/10.14236/ewic/HCI.2018.186>
- [https://doi.org/10.1007/978-3-030-85607-6\\_13](https://doi.org/10.1007/978-3-030-85607-6_13)
- <https://doi.org/10.1145/3232078.3232097>
- <https://doi.org/10.1145/2468356.2479481>

### Summer Research (07/2015 to 09/2015)

Madeira Interactive Technologies, Funchal, Madeira

Developed a real-time updating single-page web app with scalable architecture for optimal user experience. Integrated D3.js into web applications, enabling dynamic data visualization with the flexibility to easily incorporate additional libraries for expanded functionality.

### Scholarships for Teachers / Researchers - Internship Frequency (02/2014 to 06/2015)

ARDITI, Funchal, Madeira

February 04 - March 05:

Resuming the dissertation project: Hospital Hero - a 3D game that combines the challenge of a maze, with treasure searching and positive interaction.

February 05 - June 05:

Project: TGRAM - a different approach of the tangram game in a digital and cooperative way.

## Education

Doctor of Digital Media – 2021 - NOVA School of Science and Technology (FCT NOVA) – Lisbon, Portugal

Thesis: Confronting the Numbers of Women in Technical Fields, Making the Gender Gap in Computing Visible and Debatable

Master on Computer Science – 2015 - University of Madeira, Funchal, Madeira

Thesis: Hospital Hero: A Game for Reducing Stress and Anxiety of Children While Waiting in Emergency Room

Degree on Computer Science – 2011- University of Madeira, Funchal, Madeira