SARA PATRÍCIA MARQUES SIMÕES

Computer Science Engineer

CONTACT

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in Sara Simões

ABOUT ME

Recently graduated Computer Science Engineer seeking professional experience and opportunities. I love everything in computer science, but I have a special interest in Distributed Systems. I excel in challeging environments and I am looking to cultivate my knowledge growth as a person. I consider myself a very determined person, hard-working independent and a good team player.

TECHNICAL SKILLS

Programming

Java   Kotlin   Clojure   Android

Operating Systems

Linux   Windows

Software & Tools

Git   Docker   Kubernetes

PERSONAL SKILLS

Linguistic

Portuguese   English

Agile Developer

🎓 EDUCATION

📅 September 2019 - September 2021
📍 NOVA School of Science and Technology
Master's Degree in Computer Engineering

📅 September 2016 - September 2019
📍 NOVA School of Science and Technology
Bachelor's Degree in Computer Engineering

⚙ WORK EXPERIENCE

📅 March 2021 - September 2021
📍 NOVA School of Science and Technology
Student Researcher

Thesis: System For Functional Testing of Distributed Applications with REST Interface
In this project, I developed a tool that allows for testing and verifying the correction of REST applications. From a specification, a test set is generated and executed with multiple clients issuing both sequential and concurrent operations, later verifying if the behavior of the REST system is linearizable.

📅 March 2019 - June 2019
📍 NOVA School of Science and Technology
Student Researcher

Research: Enabling Seamless Peer-to-Peer Mobile Connectivity
In this project, I extended the Legion project to be able to use of peer-to-peer communications in native applications, such as in Android environments. A version of Legion, thanks to this new feature, runs natively on Android and can sync with other Legion clients running in either Android or in a browser.

💼 RESEARCH CONTRIBUTIONS

JepREST: Teste Funcional de Aplicações REST Distribuídas

👥 **S. Simões**, A. Ribeiro, C. Ferreira, N. Preguiça

📅 2021   📄 Inforum Simpósio de Informática

Composition of CRDTs using References in Key-Value Stores

👥 **S. Simões**, A. Linde, N. Preguiça

📅 2019   📄 Inforum Simpósio de Informática

EXTRACURRICULAR

📅 September 2019 - October 2021
📍 NOVA School of Science and Technology
Computer Science Club

As a Project developer, I was part of a team that was responsible for building, implementing and maintaining several projects, some of which include the club's website.

📅 May 2019
📍 NOVA School of Science and Technology
ExpoFCT

ExpoFCT is an annual event where NOVA School of Science and Technology invites high and middle students to visit the campus and learn about the various courses the college offers.