LARISSA RAIMEE GOMES

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OBJECTIVE

Software Development, Data Science, Machine Learning, Embedded Systems

EDUCATION

Bachelor of Science, Computer Science, Pontifícia Universidade Católica do Paraná   Expected 2025

Relevant coursework: - Machine Learning - Artificial Inteligence - Digital Image Processing - Distributed Programming - Software Engineering - OS and Embedded Systems - BigData - Algorithms complexity - Graphs Theory - Statistics - Algorithms and Data Structures - OOP and System Modeling with Java and UML - Creative Experience (FLASK, IOT, Agile Methodologies, MVC Architeture, UML, NoSql) - Imperative programming (C language) - Databases Architecture (SQL) - Information Security - Networks - Game development with Unreal Engine - Web Programming (HTML, CSS, JavaScript, PHP)

SKILLS

Technical Skills	Python - Machine Learning - C/C++ - Java - Git - English - Italian - Agile/Scrum - Bash
Soft Skills	Communication - Leadership - Proactiveness - Self-taught learning - Innovation - Challenges

EXPERIENCE

Software Test Intern   Oct 2023 - Present
Siemens S.A   *Curitiba, PR*

At present, I work on some International Projects at Siemens. My main responsibilities are: create and enhance testing tools within the OPS Team, working with Robot Framework, Bash, Squish, and learning new programming languages such as Perl, Fortran, C and C++; live a daily routine immersed in a bilingual environment with Agile Methodologies and its ceremonies; use testbooks and execute smoke tests every month to ensure Spectrum Power 3, an old Siemens software, is still functioning correctly.

Researcher - PIBIC   Sep 2024 - Present
PUCPR   *Curitiba, PR*

Currently a researcher through PIBIC (Programa Institucional de Bolsas de Iniciação Científica) at PUCPR, supervised by Prof. Dr. Jean Paul Barddal.

Project Title: RANDOM FOREST ON GPU FOR EFFICIENT CLASSIFICATION OF BIG DATA STREAMS IN MINI-BATCH FORMAT.

CyberSecurity Intern   Jun 2023 - Oct 2023
Softwall Soluções em Tecnologia   *Curitiba, PR*

I worked as a Cybersecurity Intern at Softwall's Purple Team, and in this role, I was responsible for conducting vulnerability assessments, launching phishing campaigns, preparing vulnerability reports and supporting the team in new projects. I also learned and utilized various tools such as Power BI, Nessus, GoPhish, Burp Suite, Fortinet, SpiderFoot, ReconFTW and Nmap.

Software Dev. Intern   July 2022 - June 2023
PGMais   *Curitiba, PR*

In this position, I worked as a C# Software Developer.

PROJECTS

Paito Library: A library made by me in python to manipulate and visualize graphs in an easier way. (Try it here)

Text Compressor: Compressor made using c++ to improve my understanding of the Huffman's Algorithm. (Try it here)

Cache Simulator: Project made to visualize and simulate how a cache structure works. (Try it here)

Connectsoft: Connectsoft is a system created within the Agile Methods Course with the purpose to transform the way people administrate their stocks and their business. Made using C++, PostgreSQL and MyGUI. (Try it here)

Little Malware: a little malware I created to encrypt all the files in a Linux Folder (as well as a secret key system that can decrypt them all). Be careful and use it wisely! (Try it here)

Lumen Pass: Using the MVC architecture within Flask, MySQL Alchemy, Flask Login, and an ESP32 microcontroller, I built a Flask-based web application for real-time monitoring and control of LEDs simulating an iluminated cross-walk. (Try it here)

EXTRA-CURRICULAR ACTIVITIES

- Volunteer - Chimarrão Solidário: I volunteered for the Chimarrão Solidário project, which was created to assist people in Rio Grande do Sul by providing donations during the severe floods of 2024. My role involved screening donations, ensuring that every item of clothing, shoes, and accessories was properly sorted by size, type, and gender. Even from Curitiba, we were able to help and make the difference in other's lives

- Women's Directory (DDM): In this role, I worked on all DDM social medias to publicize projects and events for our female academic community.

- Club Penguin Dimensions: Volunteer as a Software Developer for Club Penguin Dimensions using mostly Action Script, JavaScript, FLASK, SQL, PostgreSQL and related tools.

- Captain - Pathfinders Club: As captain of the Pathfinder Club girl's group - an Adventist Church program - I participated in campaigns to raise health awareness in my neighborhood, raised funds for those in need, learned important things like first aid, emergency procedures, food preparation, leadership, Duties to the Community, and acquired a lot of interpersonal skills that I'm still honing nowadays.

- Scout: As a Scout I had my first contact with leadership, proactivity, teamwork, patriotism, charity and social service. I participated in camps to improve my autonomy, communication and decision-making, as well as events to raise funds for needy people.