

Clarisse Carvalho

 SissiMaria |  clarissemtcarvalho@gmail.com |  SissiMaria

SUMMARY

Network and Security student turning complex systems into secure, high-impact solutions. Experienced in threat analysis, distributed computing, and building technologies that protect and empower organizations.

EDUCATION

M.Sc. in Computer Science *Sep 2025 - Present*
Université Paris-Saclay (France)

- Specialization: Advanced Algorithms, Distributed Systems, Interactive Systems

Integrated B.Sc./M.Sc. in Computer Science *Sep 2021 - Present*
University of Porto (Portugal)

- Specialization: Software Engineering, Network Systems, Security, Machine Learning

WORK EXPERIENCE

Software Developer *Feb 2025 – Jun 2025*
Craftable Software, Lda (Portugal)

- Developed features and maintained services using .NET/C#, PostgreSQL, MongoDB.
- Enhanced user experience for the Percursus app by implementing AI-driven features.

IT Support *Jul 2023 – Sep 2023*
EuPago (Portugal)

- Identified, reproduced, and fixed software bugs, improving platform reliability.
- Optimized backend code, cutting server response time by 15%.

SKILLS

Programming Languages	Bash, C, C++, C#, Java , Python
Web Development	.NET , HTML/CSS, JavaScript, React
Databases	PostgreSQL, MySQL, MongoDB
DevOps & CI/CD	Git, Docker, Bitbucket, CI/CD , VirtualBox
Security & Network Tools	Wireshark, ARX, Fortify, GnuPG, John the Ripper, Tor
Development Tools	Visual Studio, VS Code, IntelliJ IDEA, Postman, Figma
Productivity & Office	Microsoft Office, Google Workspace
Operating Systems	Linux (Arch, Debian, Ubuntu), Windows

ADDITIONAL INFORMATION

Languages	Portuguese (Native), English (Fluent), French (Intermediate)
Driving License	Category B (Car)
Active Memberships	Member of L'étoile Noire Club, Member of OWASP Porto
Hobbies	Photography, Game Development, Sports

OTHER WORK EXPERIENCE

Associate Monitor

Jun 2024 – Jul 2024

University of Porto

- Delivered 3D modeling workshops to 25+ students using SketchUp.

Facilities Maintenance Assistant

Jul 2022 – Sep 2022

lux-Airport

- Maintenance of indoor and outdoor spaces at Luxembourg Airport.

Judo Instructor

Jan 2021 – Jun 2022

82 Club

- Trained 60+ students in technical proficiency and discipline.

Administrative Assistant

Jul 2021 – Sep 2021

Auto Justino Teixeira

- Managed customer inquiries, data processing, and filing.

VOLUNTEER EXPERIENCE

Collaborator

Oct 2024 – Present

OWASP Porto

- Share knowledge on web security and secure coding within the local OWASP community.
- Assist in organizing monthly events on vulnerability assessment and mitigation testing.

Member and Leader

Sep 2021 – Jun 2025

NCGM

- Organized monthly meetups and events for game development and multimedia enthusiasts.
- Mentored 20+ students in building professional portfolios using React and Tailwind.

Math and Language Tutor

Apr 2025 – Jun 2025

ARPA Center

- Provided personalized tutoring in math and language for students aged 8-17, improving average grades by 10%.

Math Tutor

Sep 2023 – Jun 2024

Rio Tinto Cultural Center

- Supported students aged 12-17 with math tutoring, resulting in a 25% average grade improvement.

PROJECTS

Filtering Algorithm Recommender System

Python, NumPy

- Implemented a recommendation system that predicts the best item for a user based on collaborative filtering techniques.

Socket Calculator Client-Server

Java

- Built a multithreaded client-server application simulating distributed computation and concurrent processing.

Evasive PDF Malware Classifier

Python, scikit-learn, pandas

- Developed a machine learning classifier achieving 99% accuracy on over 100k evasive PDF samples.