

ALEXANDRE PERES

3RD YEAR - COMPUTER SCIENCE AND ENGINEERING

PROFILE

I'm a 3rd year Computer Science student at NOVA SST. I consider myself an organized and active person: I try to learn a lot from the people that surround me along with the things I'm interested in.

I've been a fast learner during my education and I've been able to solve problems even under pressure multiple times.

I'm open-minded when it comes to working with other people, but I'm not afraid to voice my own opinion when I feel its necessary, eager to do collaborative work and keep improving my skills, I'm open to work on a team as well as lead one.

At the moment I have interest to try as much technologies as I can before settling in one or more specifically, I can learn new technologies fast so it's not a problem to work with new ones.

CONTACT

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SKILLS

- Java
- C
- Python
- JavaScript
- SQL
- Docker
- Web Services (REST and SOAP)
- HTML/CSS
- Git
- FastAPI
- Django
- Clingo
- Adobe Photoshop
- Adobe Lightroom
- Communication
- Supportiveness
- Open-minded

INTERESTS

- Technology
- Photography
- Programming
- Graphic Design
- Music Production
- Travel
- Tennis

EXPERIENCE

◎ GMV

November 2023 - March 2024 (expected)

Intern

Curricular Internship at GMV on Cybersecurity

- Contributed to the development of a prototype for an advanced AI-driven security testing system.
- Created an entity-property instance generator using logic programming for simulated environments in support of neural network training.
- Designed and implemented a web-based debugging tool using modern technologies (React, JavaScript, CSS, HTML) for visualizing simulated environments.
- Acquired proficiency in cybersecurity fundamentals and networking concepts.

EDUCATION

◎ NOVA School of Science and Technology | FCT NOVA

2021-2024

Computer Science and Engineering Undergraduate

Relevant Coursework

- Programming: Java, C, Python, Javascript
- Computer Science: software engineering ,databases, theory of computation, oriented object programming, operating systems, algorithms design and analysis and data structures, computer networks, artificial intelligence, probability and statistics,distributed systems, web services (REST and SOAP)
- Projects:
 - Backend of social media platform similiar to mastodon using Java, Maven, and Docker ensuring seamless REST and SOAP interoperability. Implemented concurrency controls, integrated TLS encryption, and used Kafka for data replication.
 - Designed and implemented a comprehensive a database with Oracle SQL for efficient room and employee management. Developed a simple user-friendly interface using Oracle APEX to interact with the database.