

Software Developer

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PERSONAL

Name: João André Pestre
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EDUCATION

-MEng Distributed Systems and Applications <i>Sorbonne Université Sciences</i>	Paris, France October 2020 – October 2021
-BEng Computer Engineering <i>Télécom Paris</i>	Palaiseau, France September 2019 – October 2021
-BEng Computer and Information Engineering <i>Universidade Federal do Rio de Janeiro(UFRJ)</i>	Rio de Janeiro April 2016 – December 2022

EXPERIENCE

-Software Development, Internship - 12 months <i>Inoa Sistemas</i>	November 2021 – Ongoing <i>Rio de Janeiro, Brazil</i>
<ul style="list-style-type: none">• Development and maintenance of a back-office system for financial market firms.• Development of a portfolio management module for listed assets.• Windows, C#, .NET, Protobuf, Angular, HTML, CSS, SQLServer, RabbitMQ, Dapper	
-Alimento Processado, Final project <i>LCG - Laboratory of Computer Graphics, UFRJ</i>	March 2022 - August 2022 <i>Rio de Janeiro, Brazil</i>
<ul style="list-style-type: none">• Development of a web application for live performance of glitch art.• Development of a graphics engine for chaining glitch effects on an image and of a web interface for interacting with it.• Windows, JavaScript, HTML, WebGL, REGL, GLSL, React, Github Pages	
-Fullstack Development, Internship - 6 months <i>Polyconseil</i>	March 2021 – September 2021 <i>Paris, France</i>
<ul style="list-style-type: none">• Development and maintenance of a version control system for aerospace engineering data.• Improvements to performance of a data replication subsystem.• Windows, Java, SpringMVC, JavaScript, React, Python, HTML, CSS, Scrum, Tomcat	
-Frontend Development, Freelance <i>Coquetel Molotov</i>	September 2020 – January 2021
<ul style="list-style-type: none">• Development of a metaverse platform for an online music festival.• Adapting the open-source Mozilla Hubs platform according to the demands of the festival.• Linux, JavaScript, React, HTML, SCSS, AWS, Bootstrap	

SKILLS

Theory: Data structures, Algorithms, **Distributed Systems**, Parallel Coding, Big Data
Languages: C#, Java, Python, C/C++, SQL, JavaScript, **GLSL**, HTML/CSS
Frameworks: .NET, SpringMVC, **REGL**, **WebGL**, React, Angular, Node, Ant, Express
Tools: Git, VS Code, Visual Studio, IntelliJ, Hadoop, MongoDB, Spark, Spark Streaming, Tomcat

LANGUAGES

Portuguese: native
English: C1 (CAE)
French: C2 (TEF online)