

Lucas Mello

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EDUCATION

Universidade do Minho <i>Master's Degree in Mathematics and Computation - Computation</i>	Braga, PT <i>Sep. 2019 – Jun 2023</i>
Fundação Educacional do Município de Assis <i>Bachelor's Degree in Computer Science</i>	Assis(SP), BR <i>Feb. 2014 – Feb 2018</i>

CERTIFICATION

Amazon Web Services (AWS) <i>AWS Certified Cloud Practitioner (CLF-C02)</i>	<i>Feb. 2024 – Feb 2027</i>
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EXPERIENCE

Remote Developer <i>WSJ Soluções Digitais</i>	Jan 2020 – Feb 2021 <i>Assis(SP), BR</i>
<ul style="list-style-type: none">I worked with WordPress helping with the development and crafting of tailored software for small businesses and enhancing their online presence effectively.	

PROJECTS

Entropy Classifier <i>Python, Pandas, Numpy</i>	June 2021 – Dec 2022
<ul style="list-style-type: none">As a final project for my master's degree, I developed, alongside my supervisor, a machine learning classifier based on entropy from scratch using PythonFor the classifier, I utilized NumPy for calculations and Pandas for dataset reading to assess its effectiveness	
Simple Task Manager <i>Python, Django, AWS RDS, AWS S3, AWS IAM</i>	
<ul style="list-style-type: none">Developed a task manager with CRUD (Create, Read, Update, Delete) operations, with authentication implemented for securityUtilized AWS RDS for the database and S3 for storing static data	
Notes App <i>Node, React, mongoDB, express</i>	
<ul style="list-style-type: none">Developed a full-stack web application using Node as a REST API server and React for the front endImplemented security with JWT (JSON Web Tokens)	

TECHNICAL SKILLS

Languages: Javascript, Python, SQL, HTML/CSS, Java
Frameworks: React, Node.js, Django, WordPress
Developer Tools: Git, Docker, Amazon Web Services (AWS)
Libraries: Pandas, NumPy, Matplotlib,

LINGUISTIC COMPETENCES

Portuguese: Fluent
English: Intermediate (B2)
Spanish: Basic (A1)