

Artur M. R. Santos

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EXPERIENCES

AMAZON | Data Scientist II | Python, Sagemaker, Bedrock, SQL, Pandas | Jan 2022 – Current

I started as Data Scientist I and got promoted to Data Scientist II. I have experience with **Sagemaker** (Studio, Pipelines, Jobs) to develop models, applications and ML pipelines (training and inference), with **Python** (Scikit, Pandas). Now, I'm working with **LLMs** (GenAI) and agentic AI (with Bedrock, CrewAI and other tools), scoping and developing multiple projects - from classification to Product matching - across our Org with different stakeholders.

AMAZON | Software Development Engineer | Java, AWS, Typescript, Linux, SQL, Pandas | Dec 2021 – Jan 2022

Worked with **AWS**, designing scalable and reliable distributed systems. Developed with **Java** and **Python** using CI/CD workflows. Extensive use and architecting with **AWS Lambda**, **Dynamo DB**, **Cloudformation**, **AWS SDK** and **CDK**. Experience on MLOps on AWS (Sagemaker, Athena, Glue).

AMAZON | Software Development Engineer Intern | Python, AWS, CDK, PySpark | Jan 2021 – Dec 2021

ETL end-to-end data pipeline, event-driven architecture with Python, **AWS** stack, processing and visuals on **Amazon Quicksight**. Focused on **data engineering**. Took **AWS DevOps**, **Developer** and **Architecting** trainings.

COBLI | Software Engineer Intern | Scala, Flink, Kafka, Git, AWS | Jul 2019 – Dec 2019

Software Engineer at **Big Data** team, focusing on data engineering (data pipelines and streaming). Post about my *experience*. Developed streaming systems with Flink, Kafka, and others (Cassandra, Spark).

ITAÚ | Software Engineer Intern (Summer Job) | Flask, MongoDB, Linux | Jul 2018

Software Engineer at the Security and Capitalization, modeling an **API** using **Flask** (Python). E2E system (front and backend).

EDUCATION

UNIVERSITY OF SÃO PAULO (USP), MID 2024-MID 2026

Masters in Computer Science, Computer Vision, Face recognition with Transformer models, IME-USP.

UNIVERSITY OF SÃO PAULO (USP), 2017-2021

Bachelor in Computer Science, Emphasis in Artificial Intelligence, IME-USP. Capstone project: **Offline RL.**

SKILLS

PROGRAMMING

Python • SQL • Typescript • Java • Bash • Scala

TECHNOLOGIES

AWS, Linux, Pandas • boto3, AWS CDK, Matplotlib • PySpark, Pytorch, PostgreSQL • Git, Seaborn, scikit learn • Apache Flink, Kafka

LANGUAGES

Fluent & Native English, Portuguese • **Intermediate** Spanish, Chinese • **Basic** French

STUDENT ORGANIZATIONS

BEEDATA | Competitive data science, Co-founder | Set 2020 – Dec 2021

Data Science competitive study group. Our Youtube channel with the content we produced (in portuguese). We used Pandas, sklearn, Pytorch in many activities. Semifinalists at Einstein Hospital Datacare competition (2020); Bronze at UFMG vs USP competition (2020).

TECS | Computer science for social good, Co-founder | Set 2017 – Dec 2021

Most notable projects: **Digital Inclusion** and **Fundação Casa**. Member of **TechShift Alliance**. Attended at **Techshift Global Alliance Summit**, University of Chicago, 2017. TA of **Law and Free and Open Source Software**, 2020.

IMESEC | Infosec and cybersecurity, Co-founder | Jan 2017 – Dec 2017

Attended to CTFs, studied attack and defense vectors for computer systems. We used mostly Linux and Bash.

AWARDS & CERTIFICATIONS

AWS Certified Cloud Practitioner, 2021 • PIPA, Computer Science Department award, IME-USP, 2018, 2021 • Semifinalists of Einstein Hospital Datacare competition; Bronze in UFMG vs USP competition, 2020 • 2º place in Young Broker Challenge, 2015.

EXTRACURRICULAR

INSTITUTIONAL

Student representative, DCC-IME-USP, 2019 • Class representative, DCC-IME-USP, 2021

VOLUNTEERING

Online Professions Fair, USP, 2020 • Professions Fair, USP, 2019 • Professions Fair, FEA-USP, 2017

ACTIVITIES

HackathonUSP, USP, 2017 • Basketball Team, IME-USP, 2017 • FAAP and SIMED Forum (UN simulation), High School, 2015