Artur M. R. Santos

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EXPERIENCES

AMAZON | Software Development Engineer Intern
Jan 2021 – Current
- Working with **AWS** resources , designing scalable and reliable systems.
- Proficient on **Lambda**, **Dynamo DB**, **Cloudformation**, AWS SDK and **CDK**.
- **AWS Certified Cloud Practitioner**, attended to **DevOps**, **Developer** and **Architecting** 3-day trainings.

COBLI | Software Engineer Intern
Jul 2019 – Dec 2019

- Software Engineer at the **Big Data** team, worked with data engineering, dealing with databases (Cassandra), data *pipelines* and streaming. Post about my experience (in portuguese).
- Used **Apache Flink and Kafka**, some tools from **AWS** (S3, ECS, Cloudwatch, Cloudformation) and agile methods, such as scrum. **Scala** was the main language.

ITAÚ | Software Engineer Intern (Summer Job)
Jul 2018
- Software Engineer at the Security and Capitalization community, modelling an **API**.
- Worked on *Plug 'n Play* project, using Python (**Flask**).

PROJECTS

CODE ON GITHUB | Side projects developed
- **Tuts Blog**: Blog built with *pelican* package, using **Python**, where I publish interesting things. Used **Travis CI** to deploy new versions.
- **RL-QLearning**: Application of *Q-learning* (Reinforcement Learning) on Gym (from OpenAI) environments, using Python.
- **Competitive Programming**: Solving many problems in competitive programming platforms, using **C++**, on Codeforces and Spoj.

STUDENT ORGANIZATIONS

BEEDATA | Co-founder
Set 2020 – Present
- The group is focused on **competitive data science**, with a total of 60 members.
- Semifinalists of Einstein Hospital Datacare competition, 2020 and Bronze at UFMG vs USP competition, 2020.

TECS | Co-founder
Set 2017 – Present
- The group is focused on computer science for social good.
- Most notable projects: **Digital Inclusion** and **Fundação Casa**.
- Member of **TechShift Alliance**. Participated at **Techshift Global Alliance Summit**, University of Chicago, 2017, as Tecs representative.
- TA of **Law and Free and Open Source Software**, 2020.

IMESEC | Co-founder
Jan 2017 – Dec 2017
- The group is focused in studying **cybersecurity**.
- Participated in competitions, such as Pwn2Win - *Capture The Flag*.

AWARDS

2021	PIPA Award: Computer Science Department award, IME-USP
2018	PIPA Award: Computer Science Department award, IME-USP
2015	Young Broker Challenge: 2° place in a stock market simulation competition.

EDUCATION

UNIVERSITY OF SÃO PAULO
Bachelor in Computer Science, emphasis in Artificial Intelligence and Data Science, IME-USP
Expected: Dec 2021

SKILLS

PROGRAMMING
Python • Java • Typescript
Scala • C++ • Bash • SQL

TECHNOLOGIES
Git• **AWS** • Linux
Scikit-learn • Pytorch • Pandas
Streamlit • Matplotlib & Seaborn
Apache Flink • Kafka
Neo4J • MongoDB • PostgreSQL

LANGUAGES
Native Portuguese • Fluent English • Intermediate Chinese• Basic Spanish

EXTRACURRICULAR

INSTITUTIONAL
• Student representative, DCC-IME-USP, 2019
• Class representative, DCC-IME-USP, 2017-Present

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 Forum (UN simulation), Montessori School, 2015
• SIMED Forum (UN simulation), Montessori School, 2015

COURSERA
• Intro to Tensorflow, deeplearning.ai, 2020
• Mathematics for Machine Learning: Linear Algebra, Imperial College, 2020
• Foundations of Reinforcement Learning, University of Alberta, 2020