Arthur Santos Vieira Silva *Software Engineer*

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Professional Experience

2022/08 – present Remote	**Software Engineer** *Moises* • Implemented CRM and Automations using Salesforce, Apex, Google Apps Script, Google Cloud Services, and Python that improved the Influencer Marketing team's efficiency by over 60% • Created the Google Cloud platform structure to host Python code that would interact with the CRM when prompted through messages sent from a Flask front-end, along with a continuous deployment workflow with GitHub Actions, to deploy said code • Created a Lead Scoring Machine Learning model that improved on the team's capacity to evaluate the return on a lead before contact using Python, Pytorch, and Web/Social Media Scraping. • Maintained and automated a database with over 10K leads
2021/07 – 2022/08 Remote	**Project Intern** *Moises* • Hired after getting 1st place on a challenge to create a Chord Recognition algorithm with better accuracy than their current solution • Winning algorithm developed used Python with Machine Learning, Music Identification, and Web Scraping libraries to improve results using user-created chord sheets • After being hired continued to improve the algorithm that eventually got adapted to production, and used in an app with 50M+ users
2018/07 – 2022/08 Recife, Brazil	**PIBITI Researcher** *UFPE* Researched and wrote papers on Software Requirements Engineering on the startup environment and IoT projects along with the professor Dr. Carla Silva
2017/08 – 2018/02 Recife, Brazil	**Junior Backend Engineer** *Accenture* • Worked on creating Bash Automations using the Unix system in order to provide daily health checks of ongoing projects • Worked on reviewing and documenting legacy Java code
2017/01 – 2017/02 Recife, Brazil	**Summer Job Project Intern** *CESAR* • Was challenged to develop an app to help sales of the Moverio AR glasses by EPSON • Within 1.5 months, I learned to create an Android app using Java and Android Studio, along with the OpenCV Image Recognition API • Successfully created a solution that provided a real-time, guided tour of the city, by giving GPS instructions and recognizing key points around the city with the glasses' camera

Education

2017/01 – 2022/07 Recife, Brazil	**Computer Science BS** *UFPE* ⌞

Skills

Python, Typescript, Web Scraping, Automation Engineering, Git, Django, MySQL, Playwright, Flask, RESTful, GCP, Integrations, Docker, FastAPI, Data Science/Analysis, AI

Languages

Portuguese	**English**	**Spanish**
Native	Fluent	Elementary

Italian
Elementary