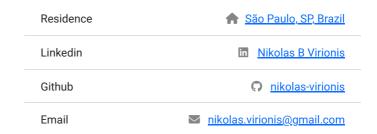
# Nikolas B Virionis

#### Python Developer and Data Engineer

Last update: June 19, 2023

Up-to-date version of CV is available at

https://nikolas-virionis.github.io/resume



I am currently working as a Python/AWS Data Engineering Intern and hold three official AWS certifications. I am highly committed and dedicated to continuously enhancing my knowledge to make valuable contributions to projects and the people I work with. I strongly believe in the power of a collaborative environment, which not only benefits everyone involved but also brings great pleasure and mutual respect in helping and teaching eager-to-learn peers.

Python	••••	Teamwork	••••	PySpark	•••	English	•••	AWS	••••	SQL	••••
				Infrastructure		AWS		Serverless		AWS	
Docker	•••	Pandas	••••	as Code	•••	CDK	•••	Framework	•••	Cloudformation • • •	
				- IaC		(laC)		(IaC)		(IaC)	

# **Professional Experience**

Jan/2022 ~ Present

### Data Engineering Intern at yHub

As a Data Engineering Intern at yHub, I gained invaluable hands-on experience in building cost-effective data pipelines using mostly serverless AWS Services. Collaborating closely with the team, I actively contributed to end-to-end development, problem-solving, and maintenance of the projects. Leveraging my skills in Python, Pandas, and PySpark, I implemented best practices to ensure efficient and scalable data processes. I proactively sought opportunities for improvement and successfully achieved three AWS Certifications in a few months of my professional career, allowing me to actively participate in solution discussions and make humble contributions to the team's success. Through my involvement in critical projects, I supported data-driven decision-making and enhanced my technical expertise while fostering effective collaboration within cross-functional teams.



# **Education**

Jan/2021 ~ Dec/2024

# Bachelor of Computer Science at São Paulo Tech School

Bachelor's degree in Computer Science with a strong emphasis on practical, real-world technologies and problem-solving skills. Gained valuable soft skills through dedicated "socio-emotional development" classes and acquired significant experience from engaging in extensive hands-on projects focused on real-world applications.



Jan/2018 ~ Dec/2020

# High School at Colégio Dante Alighieri

I graduated as one of the top students in my class from one of São Paulo's most prestigious schools. During my academic journey, I had the valuable opportunity to kickstart my tech career by actively participating in elective classes focused on Python programming and problem solving.

Python Problem Solving

# Certifications

Apr/2022

**AWS Certified Cloud Practitioner** 

Aug/2022

**AWS Certified Developer Associate** 

Nov/2022

**AWS Certified Solutions Architect Associate** 

#### Courses

Jan/2022

Taming Big Data with Apache Spark and Python, on Udemy

Python PySpark

Jan/2022

Machine Learning, Data Science and Deep Learning with Python, on Udemy

Python PySpark Machine Learning Pandas

Jan/2022

Cloud Computing 101, on AWS Educate

AWS

Jan/2023

Scala and Spark for Big Data and Machine Learning, on Udemy

Scala Spark

# **Additional Experience**

# NPM published package

The linear-regression-model package provides a simpler way to get The linear regression and correlation between two variables in Node.

Machine Learning Javascript

# PyPI published package #1

The polynomial-regression-model package aims at from the data the user gives it, it deduces the best regression model to analyse it and returns the model, fit for predictions.

Python Machine Learning

# PyPI published package #2

The spotify-recommender-api package serves the purpose of providing both recommendations for the user and a way for one to "cluster" automatically songs within a big playlist, base on the genres, popularity and song features, for example.

Python Machine Learning Data Analysis Working with external APIs

# College project #1 - Safelog

(aug/2021 - dec/2021) A Freshman year, group project in college, that collects machine health data and sets up alarms and dashboards based on that information.

Node Java AWS EC2

# College project #2 - Homebox

(jan/2022 - dec/2022) A group project in college, that provides an peer to peer business model platform (uber-like) around home services, such as plumbing or painting.

