


Armando Alliu

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Summary

Experienced Data Scientist/Engineer with expertise in data engineering, machine learning, and statistical models. Skilled in designing and building data-intensive solutions on AWS and Azure cloud infrastructure.

Selected achievements:

- Built a high-resolution energy simulation model for RESA, Liege.
- Led a winning idea at the Belgian Federal Police hackathon with a team of three.
- Developed a semantic video indexing tool.

Experience



Data Scientist

Jetpack.AI

Oct 2021 - Present (1 year 8 months)



Data Scientist

Arinti

Sep 2019 - Oct 2021 (2 years 2 months)



Web Developer

Softmogul

May 2016 - Feb 2017 (10 months)



Internship

Top Channel TV

Aug 2015 - Dec 2015 (5 months)

Education



University of Antwerp

Master of Science - MSc, Data Science

Sep 2017 - Jun 2019

- Master dissertation on "Using pattern mining techniques for image classification".
- Elective for Big data course to have in-depth (statistical knowledge) on big data algorithms.
- Build Pinterest web app with a small personal flavor for Distributed Systems final class project. Lead a team of 6.
- First research internship with the subject of: "Approximating support using probabilistic data structures".

- Second research internship with the subject of: “Implementing a visualizing tool for detecting and explaining Concept Drift”.



KU Leuven

Exchange, Artificial Intelligence

Sep 2018 - Jun 2019

- Course on Philosophy of mind and AI to broaden my impact not only on IT but ethics of IT as well.
- Cognitive Science course to further develop my understanding of other fields.
- Evolutionary Algorithms course as an alternative method to optimization/approximation algorithms using evolutionary techniques.



Epoka University

Bachelor's degree, Computer Engineering

2013 - 2016

Licenses & Certifications



Amazon Web Services Solutions Architect Associate - Amazon Web Services (AWS)

Issued Mar 2022 - Expires Mar 2025

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Skills

Amazon Web Services (AWS) • Data Engineering • Python (Programming Language) • Probabilistic Models • Simulations • Data Mining • Big Data • Information Retrieval • Image Processing • Algorithms