



Armando Alliu

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Summary

Data Scientist/Engineer with 5+ years of experience in designing and building data-intensive solutions. First-hand knowledge of data engineering, machine learning, and statistical models. Certified AWS Solution Architect, and practical knowledge of Azure cloud infrastructure.

Selected highlights:

Implemented a high-resolution energy demand model used in simulating energy load for RESA.

Ideated & led the winning idea for the Belgian Federal Police hackathon (a team of three).

Created a semantic video indexing tool.

Experience

Data Scientist

Jetpack.AI

Oct 2021 - Present (1 year 6 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)

Summer Internship

kreatx

Aug 2015 - Aug 2015 (1 month)

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