

Federico Arias Ruiz

Junior Developer

About Me

I am a Software Engineering student with a solid background in software development, data analysis, and relational databases. Passionate about handling large volumes of data and creating scalable technological solutions, I have worked on projects that integrate multiple languages and technologies such as PHP, Python, Angular, React, HTML, CSS, and WordPress.

Expertise Skill

- Data Science
- Big Data
- SQL - Databases
- Python
- PHP -HTML - CSS - JS

Contact Me



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ariasf91@gmail.com



federicoarias.vercel.app



Cl 43 No. 49 114
Manizales, Caldas, CO

Education

- 2014 - 2016
Highschool Graduate
Colegio Mundos Posibles
Manizales, Caldas
- 2024 -
Software Engineering
Corporacion Universitaria
Iberoamericana -
Bogota D.C

Work Experience

- Support Assitant
Xarasoft S.A.S 2016 - 2017
 - Provided technical support, resolved software issues, and ensured customer satisfaction. Collaborated with developers to fix bugs, trained users on new features, and documented solutions for team efficiency.
- Senior Graphic Designer
Comdata Group 2017-2018
 - Resolved customer inquiries, provided product guidance, ensured timely case follow-ups, and supported operational efficiency in Data Marshall and Team Leader roles.



This is to certify that

Federico Arias

successfully completed and received a passing grade in

Big Data 101

(BD0101EN, provided by IBM)

A course on **cognitiveclass.ai**

Powered by **IBM Developer Skills Network.**

Issued by
Cognitive Class



Raul F. Chong
Big Data University Leader
Big Data University

December 13, 2024

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This is to certify that

Federico Arias

successfully completed and received a passing grade in

IBM Cloud Essentials V3

(CC0103EN, provided by IBM)

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Cognitive Class

Steve Martinelli
STSM, Developer Advocacy
IBM Cloud and Cognitive Software
IBM

Horea Porutiu
Advisory Software Engineer, Emerging Technology
IBM Cloud and Cognitive Software
IBM

December 13, 2024

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successfully completed and received a passing grade in

Data Science 101

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MinnaLearn

Elements of AI



CERTIFICATE OF COMPLETION

Presented to

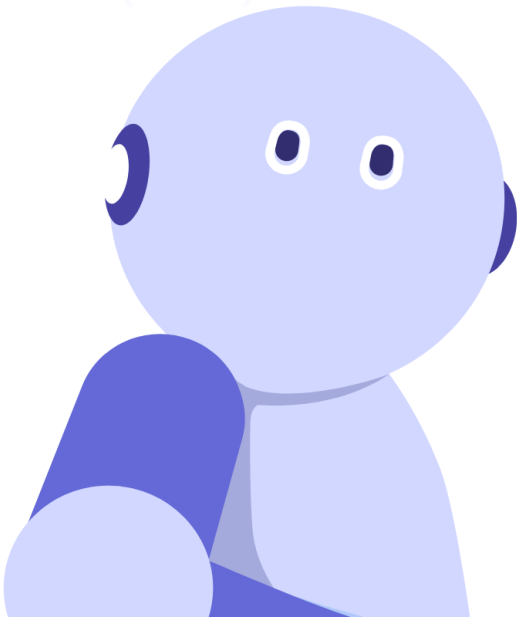
FEDERICO ARIAS RUIZ

This is to certify that you have successfully completed the 2 ECTS credits online course

A stylized blue ink signature of Teemu Roos.

Teemu Roos
Professor, University of Helsinki

December 14, 2024

A stylized blue ink signature of Ville Valtonen.

Ville Valtonen
CEO, MinnaLearn

<https://certificates.mooc.fi/validate/f603toa833e>

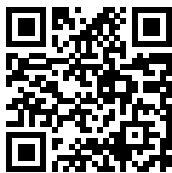
Certificate of Course Completion

Federico Arias

has successfully achieved student level credential for completing the Ethical Hacker course.

The student was able to proficiently:

- Explain the importance of methodological ethical hacking and penetration testing.
- Create penetration testing preliminary documents.
- Perform information gathering and vulnerability scanning activities.
- Explain how social engineering attacks succeed.
- Explain how to exploit wired and wireless network vulnerabilities.
- Explain how to exploit application-based vulnerabilities.
- Explain how to exploit cloud, mobile, and IoT security vulnerabilities.
- Explain how to perform post-exploitation activities.
- Create a penetration testing report.
- Classify pentesting tools by use case.



Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 13, 2024



CERTIFICATE OF COMPLETION

Presented to

Federico Arias

For successfully completing an online course

Machine Learning Modelling

A handwritten signature in black ink, appearing to read 'Harish K. Subramanian'.

Harish K. Subramanian

Academic Director

Provided by

Great Learning Academy

December 2024



This certificate is awarded to

Federico Arias Ruiz

for successfully completing

Partner: JavaScript Essentials 1 (JSE)

through the Cisco Networking Academy program.

A handwritten signature in black ink that reads "Laura Quintana".

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

05 Dec 2024
Completion Date



This is to certify that

Federico Arias

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by IBM)

A course on **cognitiveclass.ai**
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

Cognitive Class

December 8, 2024

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This is to certify that

Federico Arias

successfully completed and received a passing grade in

SQL and Relational Databases 101

(DB0101EN, provided by IBM)

A course on **cognitiveclass.ai**
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

December 9, 2024

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