Sebastián Martínez

Artificial Intelligence Student

"Be the change that you want to see in the world."

✉ sebastian.martinez.serna@gmail.com
📱 +57 319 511 7579
JuanS3
in jsebastian-martinez
🏠 JuanS3.github.io

✏ EXPERIENCE

Data Engineer
May. 2022 – Current

KLYM

- Develop, construct, test and maintain data architectures
- Align architecture with business requirements
- Develop data set processes
- Identify ways to improve data reliability, efficiency and quality
- Conduct research for industry and business questions
- Develop and maintain backend process and platform

Data Engineer
Oct. 2021 – Apr. 2022

NTT Data

- Develop, construct, test and maintain data architectures
- Align architecture with business requirements
- Develop data set processes
- Identify ways to improve data reliability, efficiency and quality
- Conduct research for industry and business questions

Business practices in AI
Mar. 2021 – Jul. 2021

Universidad Autónoma de Zacatecas

Develop a deep learning model to identify emotions over speech recognition

Python Developer
Nov. 2019 – Oct. 2021

Rollup Consulting

- Writing effective and scalable codes
- Test and debug software
- Improve functionality of existing systems
- Assess and prioritize feature requests
- Provide technical solutions to user requirements
- Translate business needs into technical specifications
- Designing and implementing robust applications

BI Consultant
Apr. 2017 – Oct. 2021

Rollup Consulting

- Create and maintain ETL processes, cubes, reports, documentation and dashboards
- Translate business needs into technical specifications

📋 SKILLS

Programming: SQL, Python, R, C/C++, Git, TensorFlow, Keras, Pandas, Numpy, matplotlib, seaborn, Kirby, Hammurabi, Django

Software: KNIME, IBM Cognos Series 7 & 10, DataStage, Qlik Sense, Power BI, GNU/Linux, GCP

Technical: SCRUM, Machine Learning, Data Mining, Text Mining, Analytics, Business Intelligence, Data Visualization

🎓 EDUCATION

M.Sc Artificial Intelligence
2020 – Current

Universidad Internacional de la Rioja - UNIR

Dissertation title: Análisis para la identificación del trastorno depresivo mediante Twitter

B.Sc. Systems Engineering
2011 – 2016

Escuela Colombiana de Ingeniería Julio Garavito

Dissertation title: Minería de texto histórica, colaboración al proyecto 'Revealing Cooperation and Conflict Project'

Deep Learning Specialization
2020 – current

DeepLearning AI on Coursera

Coureses: Neural Networks and Deep Learning, Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Structuring Machine Learning Projects

Data Science
2018 – 2019

HarvardX on EdX

Coureses: R Basics, Visualization, Probability, Inference and Modeling, Productivity Tools, Wrangling, Linear Regression, Machine Learning

⭐ Honors & Awards

International

2012 **Honorable Mention**, The 2012 South America / North Regional Contest ACM ICPC

Domestic

2016 **1th Place**, Best B.Sc. Dissertation title by judges

2013 **Honorable Mention**, XXVII Maratón Nacional de Programación ACIS/REDIS

2012 **34th Place**, XXVI Maratón Nacional de Programación ACIS/REDIS