Daniel Eduardo Peraza Rivera

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[LinkedIn profile](#)
[Portfolio website](#)

Top Skills

- **Deep Learning** - +1 year developing and analyzing models based on deep neural networks with architectures such as MLP, ConvNets, LSTMs, etc, using frameworks like Keras and Tensorflow.
- **Machine Learning** -+2 years identifying and applying the proper machine learning models for a particular case; focusing in model interpretability and its optimization through hyperparameters search.
- **Data Science** - +6 months implementing frameworks to get the most useful and insightful information out of big amounts of data, using tools like Python, Pandas, Numpy, Matplotlib, etc.
- **Web Development** - +3 months hands-on several Full-Stack projects using frameworks like React.js and Node.js.
- **SQL** -+ 1 year scripting complex queries to effectively retrieve data from relational databases.
- **Manufacturing Processes Automation** - +1 year implementing and applying strategies to automate manufacturing processes in the industry by applying disruptive technologies such as IoT and cyber-physical digital-twin
- **Teamwork** - +4 years working on several projects in engineering teams. From servomechanisms to digital-twin applications.

Work Experience

B&C Biosciences, Bogotá D.C
Junior Engineer   08/2020-12/2020

I worked as a junior engineer during the last phase of a water treatment plant automation project. Hands-on engineering drawings depicting electrical and mechanical matters. Answered calls, responded to meetings and spoke with providers. Processed a range of documentation. Proactively participated in the meetings by identifying issues and suggesting improvements to the workflow.

KSMT, Bogotá D.C
Technical Documentator   11/2018-05/2019

Developed the documentation of a Scala-based project for a National Park booking website.

Education

- Mechatronic Engineer, 2021, Universidad Nacional de Colombia, Bogotá D.C
- Deep Learning Specialization, 2020, Coursera – Deep Learning.ai, Bogotá D.C