

# David Alejandro Molano Vásquez

## Systems Engineering Student

I am a Systems Engineer student at Pontificia Universidad Javeriana, currently in 9th semester. I have skills in software development, system design and analysis, data, science, data analytics and visualization, and Geographic Information Systems.

I have experience in cross-platform software development with Java, Spring, Angular, Ionic, Python. Also skills with data Integration tools like Pentaho Data Integration and RapidMiner and data science software environments like RStudio, MatLab and ArcGIS.

I like to keep myself updated in the discipline by continuously learning new things, exploring new technologies and applying what I know. I am interested in the topics related with software development and design as well as data science and artificial intelligence.

## Contact

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🐙 [GitHub](#)

k [Kaggle](#)

## Experience

### May 2019 - Today

Automatic cryptocurrency trader

Development of a bot for automatic cryptocurrency trading. I am in charge of designing and coding of the second version of the system, which aims to refactor "spaghetti" code in an ordered and structured way to improve performance, modifiability and maintenance. The system is built in Python, using TensorFlow and deployed in GCP with Flask.

### January - May 2019

Software Desinger

Working with Consultorio Contable Javeriano, with the development, requirements engineering process with end-users of the system and initial architectural design of the new web version of the Operative Accounting Software SOFI+.

### July 2018 - Today

Tutor

Academic tutor of the subjects Introduction to Systems Engineering and Software Engineering. Helping students in the making of projects of software development with emphasis on architectural design, software development methodologies and implementation.

### January - November 2018

Runner

Working on food delivery as a Runner for the start-up En la U. Carrying food orders in different restaurants near by university areas and participating in brand positioning events.

### July - November 2018

Outstanding Project

Software developer and designer of the app KeepUUp to handle life in college, which was proposed as project for the Software Engineering subject. The app was developed with Ionic and Firebase.

### February - Novembre 2014

Student's Representative

Member of the principal's committee of Gimnasio Campestre San Francisco de Sales. Creating projects to encourage a great social environment at the school and improvement of academical performance.

## Education

### July 2015 - Today

Undergraduate

Systems Engineer student at Pontificia Universidad Javeriana, currently in 9th semester, recipient of the scholarship Talento TI given by TIC Ministry. With emphasis on Software development and Managent Information Systems. With courses taken on the first semester of the Analytics for Business intelligence Masters Degree.

### July 2019

Diploma

Course Artificial Intelligence: Deep Learning, in Pontificia Universidad Javeriana, about the design, implementation and application of neural networks.

## Interests

1 Volunteering: children education, community work with victims of the Conflict.

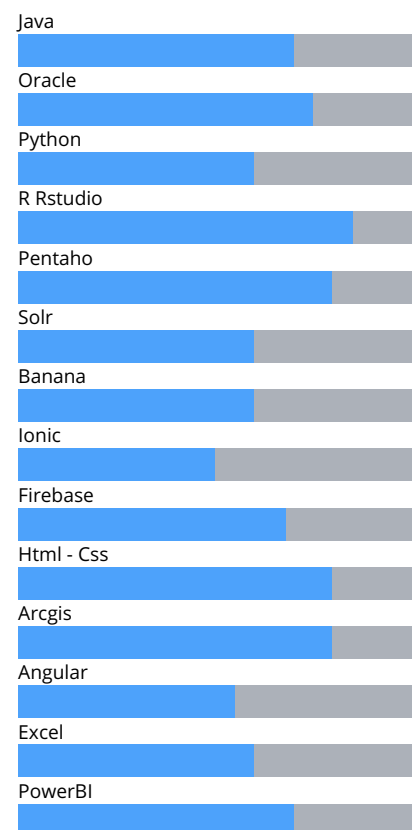
2 Sports: football, cycling and motorsports.

3 Art and Culture: films and music local and international scene.

## Skills

- ETL Process
- Data Science and Machine Learning
- Software development and design
- Data visualization
- Basic Database Administration

## Tech Stack



## Idiomas

