



## Contact

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## Education

### Institut Polytechnique de Paris – École Polytechnique

2024 – 2025

- Master 2 – Data Science

### Institut Polytechnique de Paris – Télécom Paris

2023 – 2025

- Engineering degree: Data Science,  
Computer Vision

### Universidad Nacional de Colombia

2019 – 2025

- Computer Science

## Voluntary Work

- Bureau des élèves – Télécom Paris

## Languages

- Spanish
- French (B2)
- English (C1)
- Portuguese

## Hobbies

- Playing guitar
- Playing soccer
- Drawing

# Cristian Alejandro Chávez Becerra

Data Science and Artificial  
Intelligence student

## Professional Experience

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|--|----------------------------|
| <b>Full-Stack Developer (Django, React)</b>  | February 2022 –<br>Present |
| Universidad Nacional de Colombia   Bogota  |                            |
| <ul style="list-style-type: none"><li>Created an application to collect, process and analyze data associated with the international accreditation processes of the faculty of engineering.</li><li>Developed programs that automate the creation of statistics from the data of the self-evaluation process of the engineering faculty programs.</li><li>Created the relational and non-relational database for different stages of the project.</li></ul> |                            |

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|---|----------------------------------|
| <b>Teacher Assistant for the Databases course</b>   | February 2021 –<br>February 2022 |
| Universidad Nacional de Colombia   Bogota   |                                  |
| <ul style="list-style-type: none"><li>Provided assignments, workshops and exercises mainly related to relational algebra and relational and non-relational databases.</li><li>Assisted in correcting student assignments, workshops and exercises.</li><li>Answered questions related to students' class problems related to PostgreSQL, MongoDB, MySQL SQLite, Oracle and MariaDB.</li></ul> |                                  |

## Projects

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|---|------------------------------|
| <b>Dermoscopic Images Classifier</b>  | February 2024 –<br>June 2024 |
| Télécom Paris   Palaiseau   |                              |
| <ul style="list-style-type: none"><li>Classifier for dermoscopic images (skin lesions) applying different models such as: Support Vector Machines linear and non-linear, Random Forest, K-Neighbors, EleNet, ResNet (ResNet101, ResNet152), DenseNet201 and ResNext101.</li></ul> |                              |

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| <b>Neural Network for Artistic Style Transferring</b>  | January 2024 –<br>May 2024 |
| Télécom Paris   Palaiseau  |                            |
| <ul style="list-style-type: none"><li>Application of the Gatys et al art-style neural network algorithm that can separate and recombine image content and image style. The algorithm enables us to produce high-end images that combine the content of a photograph with the appearance of works of art.</li></ul> |                            |

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|--|--------------------------------|
| <b>Fannen</b>  | April 2022 –<br>September 2023 |
| Universidad Nacional de Colombia   Bogota  |                                |
| <ul style="list-style-type: none"><li>Application of the k-prototype data partitioning method and random forest using qualitative and quantitative data from triple-negative breast cancer patients to group these patients and enable more personalized medicine.</li></ul> |                                |

## Technical Skills

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|---------------------------------|--|
| <b>Programming languages</b>    | Python, Javascript, Typescript, C, C++, Java, Ruby, Matlab |
| <b>Frameworks and Libraries</b> | Django, ExpressJS, SpringBoot, Ruby on Rails, React Native |
| <b>Protocols</b>                | REST, SOAP, HTTPS  |
| <b>Databases</b>                | MongoDB, MySQL, PostgreSQL, Oracle, MariaDB                |
| <b>Technologies</b>             | ScikitLearn, TensorFlow, Keras, GraphQL, Docker, CUDA      |