**Electronic Engineer**
**johancastiblanco17@gmail.com**
**+57 (321) 855 1611**

# *Johan Castiblanco*

**Junior data Engineer**
**Skype:** johancastiblanco17

## Objective

- Position of software and numeric tools in academic and electric sector studies /Python/Spyder/Pandas/Collab/Kaggle/Matlab/Simulink.
- Electrical applications development
- Windows applications development
- Web applications development.

## Career Summary

Junior data engineer with academic experience primary in software development and numeric analysis in this case of optimization and estimation methods like genetic algorithms. This includes architecture, requirement analysis, system design, prototyping, process modeling, system and data modeling, database design, development, implementation, testing and maintenance of software tools. Primary experience in web application services using web technologies as python, C#,JavaScript, and others.

## Key Skills

### Core Skills

| | | | |
|---|---|---|---|
| .NET | Python | Digsilent | Multisim |
| C# | Pandas | C | Proteus |
| Spice,Ltspice | Matlab | Architectural patterns | OOP |

### Web Development

| | |
|---|---|
| ASP.Net MVC | JavaScript |
| Python | Firebase |
| HTML5 | CSS3 |

### Windows Development

| | | |
|---|---|---|
| Windows Services | PowerShell | WinForms |

## Mobile Development

- Flutter

## Databases, related tools and technologies

- Firebase Cloudstore
- MySQL

## Development methodologies, related tools and technologies

- Github
- Trello
- GIT
- Slack
- Gitlab

## IDE, Components, Tools:

- Visual Studio
- Visual Studio code
- Spyder
- Codes Blocks
- Simulink toolbox
- Android Studio

# Languages

- Spanish (Native speaker)
- English (B1)

# Career History

**Colombia National University /headquarters Manizales**          **Jan. 2019 - Dec. 2019**

*. Laboratory assistant*

- Use tools and methodologies to create presentations for functions and laboratory guides.
- Develop high-level product specifications with attention to students' users.

**Colombia National University /headquarters Manizales**          **Sept.2020- Dec. 2020**

*. Teacher assistant*

- Use tools and methodologies to create guides and support academic purposes for electrical and electronic department.
- Develop high-level product specifications with attention to academic purposes.

# Certifications

**Centro Colombo Americano®English B1+ level**,          **Jan. 2017**

Studying all the courses and the academic standard of the English program

**SENA® systems associate  degree,**          **Nov. 2012**

Helpdesk of networks, hardware and software services or applications.

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## Education

**Unal – Universidad Nacional de Colombia**, Manizales, Colombia          **Jan. 2018- December 2020**
Master, Electric Engineering   (studying)

**Unal – Universidad Nacional de Colombia**, Manizales, Colombia          **Jan. 2018- Jul 2019**
BS, Electric Engineering

**Unal – Universidad Nacional de Colombia**, Manizales, Colombia          **Jan. 2013- December 2018**
BS, Electronic Engineering

## References

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