

# Manuel Felipe Pineda Loaiza

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## Experience

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### DomainsBot Inc

*Software developer*

**Remote Work**

*01/2017–12/2017*

- Developed a distributed system to improve the accuracy of the domain names availability using **Python** and **AWS**.
- Developed an ETL service that daily downloads files from heterogeneous sources using **Airflow** and **AWS**. Used technologies among the projects: **graphite/statsd** for monitoring, **logentries** for log analytics, and **ansible** for deploys.

### Sirius Research Group

*Software developer*

**Risaralda - Colombia**

*03/2014–11/2016*

- Built a map based platform that provides and consumes several geolocation services for Risaralda, Colombia. The project integrates several services of the research group such video streaming from the streets and car counting. Involved in the project since the design of the architecture.
- Used **nodejs** and **ZeroMQ** for the backend and **openlayers3** and **Javascript** for the frontend.

### Universidad Tecnológica de Pereira

*Web developer*

**Risaralda - Colombia**

*01/2013–12/2014*

- Built an ACM-ICPC-based online judge for local training at my University.

## Personal Projects

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- Co-organizer of PereiraJS and Pereira Tech talks, local communities about programming in Pereira, Risaralda.
- Peer-to-peer file sharing project based on bittorrent, using **C++** and **ZeroMQ**.
- GPLib, Gaussian Processes library, using **C++** and **Armadillo**.
- All my open source projects can be found at my GitHub profile : <https://github.com/pin3da/>

## Achievements

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- Second place. ACM ICPC South America-North Regional Contest. Bogotá, Colombia. 2017  
ICPC Profile
- Best ranked Colombian at the **Distributed Google Code Jam 2017**. scoreboard, handle: ManuelPineda
- Best ranked Colombian at the **Google Code Jam 2016**. scoreboard
- Honorable mention. **ACM - ICPC World Finals**. Yekaterinburg, Russia. 2014
- Second place. ACM ICPC South America-North Regional Contest. Bogotá, Colombia. 2013

## Education

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### Universidad Tecnológica de Pereira

*BSc in Computer Science, distinguished student with GPA: 4.3 / 5*

**Risaralda - Colombia**

*2010-2016*

## Complementary studies.....

- Programming Contest Training Camp, Neuquén, Argentina, July, 2016
- Programming Contest Training Camp, Bahía Blanca, Argentina, July, 2015
- Super and Distributed Computing Summer Camp, Manizales, Colombia, August, 2014
- V Caribbean Programming Contest Training Camp, La Habana, Cuba, May, 2014

## References

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### Contacts

- Santiago Gutierrez, software engineer at Google. Email: santjuan@google.com
- Sebastián Gómez González, PhD candidate, Max Planck Institute, Email: sebasutp@gmail.com
- Diego Alejandro Agudelo España, PhD candidate, Max Planck Institute, Email: aleagues@gmail.com