

Manuel Felipe Pineda Loaiza

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Experience

DomainsBot Inc

Software developer

Remote Work

01/2017–12/2017

- Developer of a distributed system to discover DNS availability using **Python** and **AWS**.
 - Developer of a ETL service that daily downloads files from heterogeneous sources using **Airflow** and **AWS**.
 - Developer of internal services using **Python** 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

- Developer of a map based platform that provides and consumes several geolocation services for Risaralda, Colombia. 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

- Developer of an ACM-ICPC-based online judge for local training at Universidad Tecnológica de Pereira.

Education

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 Argentina, seventh edition, Universidad Nacional del Comahue, Neuquén, Argentina, July, 2016
- Programming Contest Training Camp Argentina, sixth edition, Universidad Nacional del Sur, Bahía Blanca, Argentina, July, 2015
- Super and Distributed Computing Summer Camp, BIOS Centro de Bioinformática Y Biología Computacional, Manizales, Colombia, August, 2014
- V Caribbean Programming Contest Training Camp, Universidad de Ciencias Informáticas, La Habana, Cuba, May, 2014

Achievements

- Second place. ACM ICPC South America-North Regional Contest. Bogotá, Colombia. 2017 ¹
- Best ranked Colombian at the **Distributed Google Code Jam 2017**. ³
- Best ranked Colombian at the **Google Code Jam 2016**. ²
- Honorable mention. **ACM - ICPC World Finals**. Yekaterinburg, Russia. 2014 ¹
- Second place. ACM ICPC South America-North Regional Contest. Bogotá, Colombia. 2013 ¹

¹<https://icpc.baylor.edu/ICPCID/13LM2HZ3C9BW>

²<https://www.go-hero.net/jam/16/regions/Colombia>

³<https://code.google.com/codejam/contest/3284486/scoreboard#sp=301>, handle: ManuelPineda

Personal Projects

- 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/>

Interests - Hobbies

Competitive Programming: Training in algorithms and math for programming competitions since 2011.

References

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