Manuel Felipe Pineda Loaiza

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Experience

DomainsBot Inc   **Remote Work**
Software developer   *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   **Risaralda - Colombia**
Software developer   *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   **Risaralda - Colombia**
Web developer   *01/2013–12/2014*
-Developer of an ACM-ICPC-based online judge for local training at Universidad Tecnológica de Pereira.

Education

Universidad Tecnológia de Pereira   **Risaralda - Colombia**
BSc in Computer Science, distinguished student with GPA: 4.3 / 5   *2010-2016*

Complementary studies

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

Achievements

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