Manuel Felipe Pineda Loaiza

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Experience

DomainsBot Inc   **Remote Work**
Software developer   *2017*
- Developer of a distributed system to discover DNS avaiavility 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 tecnologies among the projects: **graphite/statsd** for monitoring, **logentries** for log analytics, and **ansible** for deploys.

Sirius Research Group   **Risaralda - Colombia**
Software developer   *2014–2016*
- Developer of a map based platform that provides and consumes several geolocation services for Risaralda, Colombia. Involved in the project since the desing 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   *2013–2014*
-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*
March 2016

Complementary studies..

o Programming Contest Training Camp Argentina, seventh edition, Universidad Nacional del Comahue, Neuquén, Argentina, July, 2016

o Programming Contest Training Camp Argentina, sixth edition, Universidad Nacional del Sur, Bahía Blanca, Argentina, July, 2015

o Super and Distributed Computing Summer Camp, BIOS Centro de Bioinformática Y Biología Computacional, Manizales, Colombia, August, 2014

o V Caribbean Programming Contest Training Camp, Universidad de Ciencias Informáticas, 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. Second UNAH Programming Cup. La Habana, Cuba. 2014

o Second place. ACM ICPC South America-North Regional Contest. Bogotá, Colombia. 2013 [1]

o First place. Fourth Internal Programming Contest. Universidad Tecnológica de Pereira, Colombia. 2013

[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

o Co-organizer of PereiraJS and Pereira Tech talks, local communities about programming in Pereira, Risaralda. [1]
o Peer-to-peer file sharing project based on bittorrent, using C++ and ZeroMQ. [2]
o GPLib, Gaussian Processes library, using C++ and Armadillo. [3]
o All my open source projects can be found at my GitHub profile. [4]

Interests - Hobbies

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

Languages

Spanish: Native   **English**: Good

Computer skills

1: C/C++ Programming (preferred language)   **4**: Python

2: Experience in web development with nodejs **5**: Basic skills in HTML and CSS.
and javascript

3: Proficient with GNU/Linux   **6**: Familiar with non-sql databases

References

Contacts

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

[1]http://pereirajs.org, https://blog.pereiratechtalks.com/
[2]https://github.com/pin3da/totient
[3]https://github.com/pin3da/gplib
[4]https://github.com/pin3da/