

Manuel Felipe Pineda Loaiza | CV

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Education

Universidad Tecnología de Pereira <i>Electrical Engineering MSc.</i> Expected graduation: December 2018	Risaralda - Colombia 2016-present
Universidad Tecnología de Pereira <i>BSc in Computer Science, GPA: 4.3 / 5</i> March 2016	Risaralda - Colombia 2010-2016

Experience

Vocational.....

DomainsBot Inc <i>Software developer</i> Developer of internal services in Python and Amazon Web Services	Remote Work 2017–Present
Sirius Research Group <i>Web developer</i> Map based platform that provides and consumes several geolocation services for Risaralda, Colombia. Using nodejs and ZeroMQ for backend and openlayers3 and javascript for frontend.	Risaralda - Colombia 2014–2016
Universidad Tecnológica de Pereira <i>Web developer</i> ACM-ICPC-based online judge for local training at Universidad Tecnológica de Pereira.	Risaralda - Colombia 2013–2014

Achievements

- Best ranked colombian at the **Distributed Google Code Jam 2017**.²
- Best ranked colombian at the **Google Code Jam 2016**.¹
- Third place. XXIX Maraton Nacional de Programacion ACIS REDIS, Colombia. 2015
- Honorable mention. **ACM - ICPC World Finals**. Yekaterinburg, Russia. 2014
- Second place. Second UNAH Programming Cup. La Habana, Cuba. 2014
- Second place. ACM ICPC South America-North Regional Contest. Bogotá, Colombia. 2013
- First place. Fourth Internal Programming Contest. Universidad Tecnológica de Pereira, Colombia. 2013

¹<https://www.go-hero.net/jam/16/regions/Colombia>

²<https://code.google.com/codejam/contest/3284486/scoreboard#sp=301>, handle: ManuelPineda

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

Personal Projects

- Co-organizer of PereiraJS, javascript community in Pereira. ¹
- Peer-to-peer file sharing project based on bittorrent, using C++ and ZeroMQ. ²
- GPLib, Gaussian Processes library, using C++ and Armadillo. ³
- All my open source projects can be found at my GitHub profile. ⁴

Interests - Hobbies

Competitive Programming: Six years (2011 - present) training in algorithms and math for ACM-ICPC competitions.

Languages

Spanish: Native

English: Good

Computer skills

- | | |
|-------------------------------------------------------------|------------------------------------|
| 1: C/C++ Programming (preferred language) | 4: Python |
| 2: Experience in web development with nodejs and javascript | 5: Basic skills in HTML and CSS. |
| 3: Proficient with GNU/Linux | 6: Familiar with non-sql databases |

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

¹<http://pereirajs.org>

²<https://github.com/pin3da/totient>

³<https://github.com/pin3da/gplib>

⁴<https://github.com/pin3da/>