Manuel Felipe Pineda Loaiza

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🌐 github.com/pin3da/

Work Experience

DomainsBot Inc

Software developer, Remote *01/2017–12/2017*

- Developed a distributed system to improve the accuracy of the domain names availability using **Python, DynamoDB, SQS/SNS**
- Developed an ETL service that daily downloads more than 1200 files from heterogeneous sources and saves them in a single format using **Airflow**.
Tech Stack: AWS/EC2, graphite/statsd, logentries, ansible.

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.
Tech Stack: NodeJs and ZeroMQ for the backend and openlayers3 and Javascript for the frontend.

Universidad Tecnológica de Pereira

Web developer, Risaralda - Colombia *01/2013–12/2013*

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

Personal Projects

o Co-organizer of PereiraJS and PereiraTechTalks, local communities about programming in Pereira.
o Peer-to-peer file sharing project based on bittorrent, using **C++** and **ZeroMQ**.
o GPLib, Gaussian Processes library, using **C++** and **Armadillo**.

Achievements

o Honorable mention. **ACM - ICPC World Finals**. Beijing, China. 2018
o Second place. ACM ICPC South America-North Regional Contest. 2013 and 2017
o Best ranked Colombian at the **Distributed Google Code Jam 2017**.
o Best ranked Colombian at the **Google Code Jam 2016**.
o Honorable mention. **ACM - ICPC World Finals**. Yekaterinburg, Russia. 2014

Education

o BSc in Systems and Computer Engineering, Universidad Tecnológia de Pereira.
   (2010-2016). *distinguished student, 4.3/5 GPA*
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 and March 2018