

Jairo Emilio Bautista Mora

Celular: +573058183011 – Email: j.bautista.m13@outlook.com - Git: @JairoBm13
Systems engineer, focused on software engineering and data engineering, with experience in architecture design and development of solutions for data analytics.

LABORAL EXPERIENCE

03/2019 – 03/2020

Stereotheque

Software Engineer & Tech Lead: Development of REST service in flask-python, with DynamoDB and Neo4J database, visualization and presentation of data and functionalities with Angular and AngularJS. Administration of repositories and services in AWS. DevOps.

08/2018 – 01/2019

Infometrix SAS

Software & Data Engineer: Deployment and disposition of the data resulting from churn strategies of one of the company's clients, through a web application with visualization on a custom dashboard.

Development of solutions focused on analytics, performing tasks such as: preparation, cleaning and loading of data, administration of databases, visualization. as well as support for daily operations.

DevOps processes with Docker and TravisCI technologies. Develop REST services with Python flask, and web applications with Angular.

ACADEMIC EXPERIENCE

01/2018 – 06/2018 & 07/2019 - 12/2019

Universidad de Los Andes

Teach & Research Assistant: I investigate vulnerability detection techniques in source code and perform a Mapping Study on security vulnerabilities in the Linux Kernel. As a teaching assistant, I dictated the computer infrastructure laboratory, a course about operative systems, security and multithreading.

08/2017 – 12/2017 *Universidad de los Andes*

Algorithm Design and Analysis Monitor: Preparation of review classes with the topics covered by the exams. Topics covered: Complexity analysis, problem solving methods, dynamic programming, graph problems.

TECHNICAL ABILITIES

• Advanced

• HTML5

• JavaScript

• GIT

• SQL Developer

• High

• Docker

• Cypress.io

• C++/C#

• Medium

• R – ShinyR

• Jupyter

• AngularJS

• Angular

• Nginx

• Mongo

• Neo4J

• CSS

• Unity

• Python

• SQL

• Linux

• Windows

• PowerBI

• Java

• Android Java

• 3dsMax

• D3

• NodeJs

• AWS

• Oracle

• Jira

• Excel

• Protractor

• Neo4j - Cypher

BASIC ABILITIES

Languages: Spanish – Native, English – C1 Advance, German – A1

User Experience – Design Thinking

Agile: Scrum, XP, BDD, TDD

EDUCATION

- Universidad de Los Andes – Systems and Computing Engineer – PGA 4.01 - 2018
- Universidad de Los Andes – Software engineering master, information engineer master – PGA 4.04 – Expected Graduation: 2022

PROJECTS

08/2019 – 11/2019

Projection of use of material in libraries - Data cleaning, descriptive analysis of the use of material.

Use of linear regression model to decide which copies to review for elimination from catalog.

06/2017 – 01/2018

Android Vulnerabilities Analysis – Categorization and analysis on the behavior of the vulnerabilities of the Android platform, to identify the most important types.

02/2018 – 06/2018

Mapping study about Android vulnerabilities – Systematized query in different databases, to compare references that have been made on Android.

AWARDS AND PARTICIPATION

Awards: First standing ICFES ETB schools, 2012, full scholarship.

Competitions: ACM and ACIS programming marathons

Hobbies and interests: Mathematics, politics, quantum computing, boardgames and videogames.