LUIS FELIPE ARREDONDO

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EDUCATION

Eafit University, Bachelor's degree , **Computer Science:** GPA: 4,3 / 5,0 — Expected 2024

Relevant Coursework: First-Order Logic, Data Structures and Algorithms, Graph Theory, Compilers and Databases

SKILLS

Languages: Java (2 years), JavaScript (2 years), TypeScript (1 year), C++ (1 years), SQL (2 years), No SQL (1 year)

Frameworks: Flask, Express, React

Tools: Git, PostgreSQL, MongoDB, Docker

Platforms: Linux, Web, AWS EC2, Google Cloud

Soft Skills: Problem Solving, Autonomy, Teamwork

EXPERIENCE

Assistant tutor, EAFIT University — Jul 2022 - Nov 2022
Student tutor (Part time) — *Medellin, CO*

- Directed more than 100 hours of consulting in programming paradigms as Object Oriented Programming, Functional Programming on Haskell and Scala programming languages.
- Directed more than 50 students solving issues in around 5 projects done during the programming languages and paradigms course. Projects as Syntax Tree developed on C++ simulating binary trees and many data structures using the Object Oriented Programming paradigm and simple pointers.
- Directed than 50 students introduction to functional programming on Haskell and Scala Programming languages teaching how this paradigm works and basic syntax on these languages as creating functions, recursion, conditional structures and optimization.

Backend Developer — Nov 2022 - Jan 2023
Free Lance — *Remote*

- Migrated a completely backend express api from traditional structure to services oriented pattern with the goal to increase the scalability of this app and making it more easy to understand to new developers.
- Created Mongo database modeling with all validations inside the Mongo database. Optimized process with computed pattern and increase the db scope with denormalization

Frontend Developer — Nov 2022 - Jan 2023
Steeful — *Remote*

- Created the complete UI for Milestones and moments web app that was focused on bring e-commerce services, Implemented a clean architecture that increase the scalability of the app and make an easy app updating
- Integrate Stripe for payment methods creating a complete suite off http request that connects the payments UI with Stripe services

PROJECTS

Syntax Reader. Created a syntax reader that can read different mathematic input and can do any mathematics operation. I used binary tree as main data structure and it was developed in C++.