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Objective

Seeking a full-time professional internship in the software development sector.

Education

BA in systems and computing engineering. Degree anticipated, August 2020.

Universidad de Los Andes

BOGOTÁ, COLOMBIA

2015-2020

GPA: 3.9/5.0

Technical Skills

Java	● ● ● ● ●
HTML / CSS	● ● ● ● ●
SQL	● ● ● ● ●
Swift y C	● ● ● ● ●
Javascript y Python	● ● ● ● ●

Experience

Teaching assistant

2017-Present

- Object-oriented programming: Explaining key concepts of algorithmic thinking, teaching Java syntax to the students and helping to improve their programming skills (you can see more details on <https://cupitaller.uniandes.edu.co/>).
- Introduction to data structures: Solving students questions and scoring his exams and exercises.
- Data structures: Solving students questions, scoring his exams and doing the testing part of the projects for students.

Chat-bot for Facebook Messenger development

2017

- Implementing a messenger chat-bot for a project
- Setting each project workflow, schedule, and deliverables (You can see the details on my web page)

Leadership experience

2016- Present

- Leading a participation circle (called VPU, more info in <https://www.facebook.com/vidaparauniandes>) in my university.
- Leading a music band of six members
- Helping an indigenous community with a group of volunteers in La Guajira, Colombia
- Teaching to a group of eight school students and helping them to prepare their ICFES (state exam in my country)

Academic achievements

- ★ Fifth place of the best ICFES (state exam in my country) in my school (303 students tested)
- ★ 227th place of the best ICFES (state exam in my country) in Bogotá (93.684 students tested)
- ★ 561st place of the best ICFES (state exam in my country) in my Colombia (548.589 students tested)
- ★ Scholarship holder in Univeridad de Los Andes

Courses and projects

Data structures

2016

- Programming in Java with Eclipse IDE and using bitbucket repositories
- Familiar with data structures such as linked lists, stacks, queues, heaps, trees, hash tables, and graphs
- Familiar with sorting algorithms such as quick sort, heap sort, merge sort, selection sort, insertion sort, and bubble sort

Software development in teams

2016

- Programming in Java, Javascript, HTML, and CSS with Netbeans IDE
- Familiar with tools such as Git, GitHub, Teamwork, Jenkins, Arquillian, REST, JAX-RS, Postman, Glassfish app server, and Maven
- Building a transactional web application with REST architecture

Transactional systems

2016

- Programming in SQL with SQL Developer
- Managing databases and solving issues related to storage data in transactional systems

Products design and TI innovation

2017

- Designing computer infrastructures in order to solve certain problems
- Familiar with GNU/Linux
- Familiar with protocols such as HTTP, TCP, UDP, SMTP, DNS, and routers, switches and IP configurations

Leadership: theory and practice

2017

- Building leadership interventions in order to solve social problematics

Mobile application development and Design thinking

2018

- Designing mobile apps with the design thinking method
- Familiar to Android and iOS operative systems
- Developing Petty, a mobile app in java for Android and in Swift for iOS

Web development and semantic web

2018

- Programming web applications in Javascript, HTML and CSS
- Familiar with tools such as React, Node, Mongo, Express, Meteor, Heroku, and Bootstrap

References

Cristian Camilo Aparicio Baquen
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Olga Lucero Vega Marquez
Universidad de los Andes, professor
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