David Andrés Ramírez Vanegas

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https://daramirezv.github.io/

EDUCATION

Universidad de los Andes   Bogotá, Colombia

Systems and Computer Engineering   August 2015 –October 2020 (Expected Graduation Date)

Scholarship Beneficiary

GPA 3.95/5.0

Relevant Coursework: Web Technologies, Mobile Applications, Data Structures, Transactional Systems, Mixed Reality Applications, and Semantic Web, among others.

WORK EXPERIENCE

IBM   Bogotá, Colombia

Application developer internship   July 2019 - January 2020

Duties and Accomplishments:

- Developed Angular, Python, and Visual Basic applications for IBM clients.
- Administered the internal database of a Colombian bank partnered with IBM.
- Advised and guided IBM clients in what application developments they needed.

TEACHING EXPERIENCE

Universidad de los Andes   Bogotá, Colombia

National high school exam teacher of low-income students   August 2018 –December 2018

CERTIFICATIONS

- IBM Agile Explorer
- Data Science Foundations - Level 1
- Enterprise Design Thinking Practitioner
- Python for Data Science
- IBM Blockchain Essentials
- Watson and Cloud Foundations

TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, HTML, C#, SQL, Python
- Frameworks/Libraries: React, Node, Meteor, Angular, Android, D3, Unity
- Data Bases: Oracle, Android's Jetpack Room, MongoDB, Firebase

ACCOMPLISHMENTS

Mobile Application: Programmed a mobile application in a team of four, where people with muscle injuries could see what of kind of exercises could help them depending on their injury. The application validated those exercises, showed near hospitals, and gave them insights based on the air quality of that day. The project was written in Java for Android and in swift for the iOS version.

Web Application: Constructed a website with a partner, which let artists look for others interested in working together on various types of artworks. The project was written in JavaScript and HTML with React and Meteor as frameworks. We also used LinkedIn's API for the user's registrations.

Semantic Web Project: Built a website in a team of four, which had the purpose of gathering information about papers published around the world. With those papers, an ontology was built, meanwhile the website accessed the database information using SPARQL queries. The project was written in Java, HTML, JavaScript, and SPARQL with the help of React, D3, graphDB, express, and protégé.

LANGUAGE SKILLS

Fluent in both English and Spanish. Basic knowledge in Japanese.

REFERENCES

Adriana Espitia Avella
Project Manager
IBM Colombia
aespitia@co.ibm.com

Nicolás Otálora
Application Developer
IBM Colombia
nicolas.otalora1@ibm.com