FDM
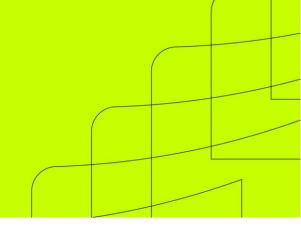
Luisa Fernanda Arboleda Zapata

IT Consultant

Computer Science | Development

Profile

Software developer with master of Cybersecurity (Computer Science) and experience offering IT solutions for multiple companies using Leadership and Management skills.

Key skills

- Java, Python (including finance python using pandas), MatLab, VisualBasic, React, Orbit, Cucumber, Selenium.
- Javascript, ECMAScript HTML, CSS, Ember, Symfony.
- MongoDB, MySQL, SQL, Postgresql.
- Tableau, Confluence, Git, Geogebra, Jira, Bamboo.
- Leadership.
- Costumer Service

Experience

Software Developer (Graduate)

IAG. | Sep 2022 – Feb 2024

Description: Provided technology solutions and support to an ORBIT CRM.

- Designed and developed software solutions through ORBIT and oracle databases.
- Integrated react components into orbit product using micro-front ends.
- Built and deployed changes to environments using bamboo.
- Fixed and resolved production and lower environment bugs and problems.

Web Developer

Servir S.A. | July 2018 – Dec 2018

Description: Provided technology solutions by developing software to digitize daily tasks.

- Developed new software to digitize timesheet and pay check process at University of Itsmo (UNIS).
- Self-learned the new technology using tutorials in one month.
- Developed and designs the database for the software, in order to optimize the software and the client changes.

Analyst Programmer

Basis Consultores | Sep 2017 – Jan 2018

Description: Provide IT support for clients that use the Company software.

- Provided Software and Technical support to loan companies in Guatemala and Belize including DHL in Guatemala, Costa Rica and Panama.
- Reduced 80% support calls by fixing the root problem in the software.
- Found solutions for improvements in loan companies' software.
- Set up a new version of the software for a new client, based on the information obtained through weekly meetings with the client.

Class Assistant Operative Systems & Data Structures

Universidad del Valle de Guatemala | Sep 2017 – Jan 2018

Description: Managed the Workshop sessions, graded papers and assessments, and delivered lectures when needed.

- Assisted students with queries related to projects and assignments.
- Set up and gave lectures to the students on Linux and Data Structures.
- Explained to students the new ways of using the programming language to achieve the practical class goals.
- Followed the progress of the students during the development of the LFS (Linux From Scratch).

FDM Skills Lab

Java Development Training Program, Sydney.

FDM Skills Lab | June 2022 – Sep 2022

- Professional Skills
- SQL
- UNIX
- OOD Java (4 weeks)
- Database Access in Java (JDBC, JPA/Hibernate)
- Web Development in Java (Servlets, JSPs)
- Spring Framework
- Agile Project Management
- Group software development project.

Education

Master of Cybersecurity (Computer Science)

La Trobe University | July 2019 – June 2021

- Computer Forensics.
- Cybersecurity Principles.
- Inside the mind of a hacker.

Bachelor of Computer Science

Universidad del Valle de Guatemala | June 2014 – Dec 2018

- Databases.
- Artificial Intelligence.
- Networking.
- Cyber Security.

Achievements and additional skills

- Volunteering:
  - Provided tutoring on Introduction to Python to women with low resources. Trainer and carer of dogs and cats in a shelter in Guatemala.
- Languages:
  - Native: Spanish
  - Advance Level: English
- Project: Association of Women in technology. Universidad del Valle de Guatemala
  - Created an Association for Women studying Computer Science.
  - Increased the number of females enrolling in Computer Science.