Leonardo Calderon J.

Software Engineer   leocjj.tech/
STEM Professor   +573165237608

PROFILE

Software Engineer with experience also as a Project Manager and STEM Professor, onsite and remotely, goal-oriented, with skills and strengths to enhance teams, processes, and businesses.

Interested in high-level language applications especially Python, Data Analysis and become a Machine Learning expert and Data Scientist.

TECHNICAL SKILLS

- VS Code, Jupyter, PyCharm.
- C, Python, Numpy, Pandas, R.
- HTML, Javascript, CSS, PHP, AJAX, Flask, Django.
- AWS Lambda, API Gateway, S3.
- Shell, Git/GitHub.
- REST API, MySQL.
- MS Sharepoint, Excel, Project.

- Linux, Windows, Arduino, Raspberry.

- Mathematics, Statistics, Physics.

- Entrepreneurship.
- Investment projects formulation and evaluation.
- Financial and stock market fundamentals.

LANGUAGES

- Spanish: native
- English: 76/100 (C2)

EMPLOYMENT HISTORY

Skillshare
Software Engineer Backend AWS Lambda with Python   2020
- *Launched an online translation web service.*
- *Created an AWS API Gateway and lambda back-end with Python.*
- *Improved front-end with online translation to +8 languages.*

Veos Smart Vending
Software Engineer IoT with Google Cloud and Python   2020
- *Researched protocols for IoT (Raspberry) telemetry.*
- *Tested MQTT protocol using Google Cloud Platform.*
- *Reduced communication package size consumption by 80%.*

RedSST.com Software Engineer Full Stack   2019
- *Implemented HTML5, CCS, JS, PHP, AJAX, Python, and MySQL.*
- *Launched a web site for the community of people in Safety.*

Univalle   Software Engineer   2018
- Researched science projects with Arduino, Python, and NumPy.

UNIAJC   Professor in STEM subjects   2016-Present
- *Developed +8 STEM subjects for Engineer careers using Project Based Learning and active methodologies.*
- *Reorganized remote teaching tools to migrate 6 courses.*

K&L Consultores SAS   Project Manager   2016-Present
- *Implemented projects, Safety, and Software Engineering. Designed, innovated, built, and deployed industrial systems and training.*
- *Developed database for documentation, inventory, and audit processes.*

Baxter   Software Validation Engineer   May 2014 – Jul 2015
- *Completed successfully a 2-years project as Software validation lead for IT compliance global team.*

Baxter   Senior Engineer   May 2007 – Apr 2015
- *Developed Safety program for the Cali facility.*
- *Achieved status as a regional auditor and consultant.*
- *Completed investment projects of +100k USD per year.*

Pfizer   Junior engineer   Jul 2003 – Dec 2004
- *Created a Commissioning & Qualification (C&Q) program.*
- *Improved manufacturing projects of +2M USD using C&Q program.*

EDUCATION

Full-stack software engineering   2020
Holberton School
- *Peer-learning, project-guided, full-stack software engineering.*
- *School from San Francisco focused on projects Low-level (C), High-level (Python), Front-end, Back-end & DevOps.*

Master degree in Mathematics   2020
Universidad Tecnológica de Pereira
- *Algebra, Analysis, Calculus, Linear Algebra, Stats.*
- *Advanced teaching techniques.*

Project management Specialization   2011
Universidad Libre, Colombia
- *PMI standard based on PMBOK.*
- *Thesis: improvement of a Project Management Office.*

Bachelor's degree in Engineering   2003
Universidad Autónoma de Occidente
- *Graduated **summa cum laude.** Grade: 4.7/5.0.*
- *Thesis: physics remote laboratory. Java client-server model.*
- *Teacher assistance for mathematics.*

PROFESSIONAL REFERENCES

Andrés Barreto, *@andresbarreto. Investor @firstrockvc @socialatomv. Board @holbertoncol @enterco @coderiseorg +1 (650) 488-3054*

Silvia Guzmán, *Holberton School Campus Manager @SilviaGuzmanAr1 (+57) 315-616-3932*

Andres Rojas, *Software Engineer, and Education Lead Entrepreneur, CEO and Co-founder of GeoEstate.co @andreserojasi (+57) 320-773-2422*

Walter Donneys, *Director of Industrial Engineer at UNIAJC. wdonneys@admon.uniajc.edu.co (+57) 315-573-9316*