



LEONARDO CALDERON

*Software Engineer
STEM Professor*

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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 data scientist and machine learning expert.

TECHNICAL SKILLS

- C, Python, Numpy, Pandas, R.
- VS Code, Jupyter, PyCharm.
- 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.

CORE STRENGTHS

- Leadership
- Change management
- Problem-solving
- Teamwork
- Strategic planning
- Process management
- Critical thinking
- Agile-Scrum focus

PROFESSIONAL HISTORY

PFIZER

JUNIOR ENGINEER, 2003-2007

Developed Commissioning & Qualification (C&Q) program.

BAXTER

SENIOR ENGINEER, 2007-2015

Regional auditor and consultant. Project Engineer.

Software validation lead in the IT compliance global team.

UNIVALLE.EDU.CO

SOFTWARE ENGINEER, 2018

Researched science projects with Arduino, Python, NumPy.

REDSST.COM

SOFTWARE ENGINEER, 2019

Developed with HTML 5, CCS, JS, PHP, Ajax, Python & MySQL.

VEOSVENDING

SOFTWARE ENGINEER, MAR-APR 2020

Researched and tested a new protocol, MQTT for IoT telemetry connection using Python and Google Cloud Platform.

SKILLSHARE

SOFTWARE ENGINEER, MAY-JUN 2020

Translation web service using AWS API & lambda with Python.

HOLBERTON SCHOOL

SOFTWARE ENGINEER, SEP 2019-PRESENT

- Low-level: C High-level: Python, NumPy, Pandas, Java.
- Front-end: HTML, CSS, Javascript.
- Back-end: Python, MySQL, RESTful API, Flask, SQLAlchemy.
- DevOps: Shell, web stack, debugging.

UNIAJC.EDU.CO

STEM PROFESSOR, 2016-PRESENT

STEM subjects for Engineer careers. Virtual teaching skills.

K&L CONSULTORES

PROJECT MANAGER, 2016-2020

Specialized consulting on Project Management, Safety, and Software Engineering. Designed, innovated, built, and deployed industrial systems and training. Developed database for documentation, inventory, and audit processes.

UTP.EDU.CO

2020

MSc in maths. Thesis: a laboratory for geometry teaching.

UNILIBRECALI.EDU.CO

2011

Specialization thesis: Project Management Office with PMBOK.

UAO.EDU.CO,

2003

Engineering thesis *Summa Cum Laude*: Physics remote laboratory, development of a Java client-server application.