



# LEONARDO CALDERON

*Software Engineer*  
*STEM Professor*

leocjj.tech/

## 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.*

## TECHNICAL SKILLS

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

*Linux, Windows, Arduino, Raspberry.*

*Maths, Statistics, and Physics.*

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

## CORE STRENGTHS

- *Leadership*
- *Change management*
- *Problem-solving*
- *Communication skills*
- *Teamwork*
- *Strategic planning*
- *Goal-oriented work*
- *Process management*
- *Self-learning*
- *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 %, CCS, JS, PHP, Ajax, Python & MySQL.

### VEOSVENDING

**SOFTWARE ENGINEER, MAR-APR 2020**

A research project, testing of 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**

Leadership in design, innovation, build, and installation of industrial systems, training, and consulting. Database projects for documentation, inventory, and audit processes. Team management, client attendance, budget, and schedule control.

### UTP.EDU.CO

**2020**

MSc in maths. Thesis: laboratory for geometry teaching.

### UNILIBRECALI.EDU.CO

**2011**

Specialization thesis: project management office improvement.

### UAO.EDU.CO,

**2003**

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