



LEONARDO CALDERON

Software Engineer
STEM Professor

 github.com/leocjj
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PROFILE

Software Engineer with experience as a project manager to a wide range of businesses onsite and remotely, business-oriented, with skills and strengths to improve teams, processes, and business.

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*
- *Entrepreneurship*
- *Self-learning*
- *Critical thinking*
- *Agile-Scrum focus*

PROFESSIONAL HISTORY

PFIZER **JUNIOR ENGINEER, 2003-2007**
Commissioning & Qualification (C&Q) program development.

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**
Science research projects with Arduino, Python, NumPy.

REDSST.COM **SOFTWARE ENGINEER, 2019**
HTML 5, CCS, Javascript, PHP, Ajax, Python and 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 project using AWS lambda in 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-PRESENT**
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.