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github.com/leocjj/0123/raw/
master/0_CV/Leonardo_Calderon-
Software_Engineer-2020__.pdf
(Other)

Top Skills

Gestión de proyectos

Planificación estratégica

Ingeniería

Certifications

Python (Basic) Certificate

EF SET English Certificate 76/100
(C2 Proficient)

Honors-Awards

Graduated summa cum laude.

EHS Global Awards 2009 in the
category Excellence in Goals -
People / Team

EHS Global Awards 2008 in the
Quality and Regulatory category.

Publications

Implementación de un aprendizaje
interactivo para la prevención
efectiva de riesgos laborales

Leonardo Calderon J.

Software Engineer, STEM Professor, MSc in Math, Data Analyst,
Python Developer, Backend Developer.
Colombia

Summary

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.

Leonardo Calderon J. (leocjj), I'm a 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.

I am a Husband, Father of a beautiful baby, Isaac. I studied
Mechatronic Engineering and I worked for 12 years in multinational
companies and then 5 years as an entrepreneur. They were
mainly in Project Management, Industrial Safety, and Software
Development, being the latter the one I like the most.

I studied also a specialization program in Project Management, and
in recent years I have dedicated myself to give a professional turn to
my life studying a master's degree in Maths, and Full Stack Software
Engineer at Holberton School.

Now I'm interested in Software Development and Project
Management especially in the Python ecosystem, with a focus on
Data Analysis and future development in Data Science, and Machine
Learning.

What I like to do the most in my free time is to walk and walk,
especially in the middle of the mountains. I also like to read science
and technology books and articles, I like semi-professional roller

skating (my record is 28 seconds in the 200 meters), and right now my favorite hobby is to educate my son.

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.

CORE STRENGTHS

Leadership
Change management
Problem-solving
Teamwork

Strategic planning
Process management

Critical thinking
Agile-Scrum focus

Blog - some articles here: https://www.linkedin.com/in/leonardocj/detail/recent-activity/posts/

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Experience

K&L Consultores
Project Manager
March 2016 - Present (4 years 5 months)

Specialized consultant on Project Management, Safety, and Software Engineer.

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.

Institución Universitaria Antonio José Camacho
Professor in STEM subjects
February 2016 - Present (4 years 6 months)
Cali, Valle del Cauca, Colombia

Developed +8 STEM subjects for Engineer careers using Project Based Learning and active methodologies.

Reorganized remote teaching tools to migrate 6 courses.

Skillshare
Software Engineer Backend in AWS Lambda with Python
May 2020 - June 2020 (2 months)

Launched an online translation web service.

Created an AWS API Gateway and lambda backend with Python.

Improved frontend with online translation to +8 languages.

VeOS SmartVending
Software Engineer IoT with Google Cloud and Python
March 2020 - April 2020 (2 months)

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 with HTML, JS, PHP, AJAX, MySQL
January 2019 - December 2019 (1 year)
Latinoamérica

Implemented HTML5, CCS, JS, PHP, AJAX, Python, and MySQL.

Launched a web site for the community of people in Safety.

ACN
Brand Leader Flash Mobile
July 2018 - December 2019 (1 year 6 months)
Colombia

Developed a business network for mobile services.

Independant
Project Manager
October 2015 - February 2016 (5 months)

Managed an Industrial project for +100k USD

Baxter International Inc.
8 years 6 months

Senior Safety Engineer
May 2007 - October 2015 (8 years 6 months)
Developed Safety program for the Cali facility.
Achieved status as a regional auditor and consultant.
Completed investment projects of +100k USD per year.

Leader of work teams and programs of Industrial Security, Hygiene, Physical Security and Emergency Systems of the Company, obtaining among others the following achievements:
• Internal auditor in local Quality processes and HSE Regional Auditor in plants in Brazil, Chile, and the Dominican Republic.
• Regional Advisor in Risk Assessment, Machine Guarding, and development of web applications for HSE and Security.
• Reduction of accident rates. Recognition of 1 million hours worked without serious accidents, July 2008; 2 million, January 2009; 3 million, February 2010; 4 million, September 2012; 5 million, March 2013; 6 million, December 2013, and 7 million April 2014.
• Medal of merit Cruz Esmeralda Colombian Security Council, 2009, 2010 and 2011.
• ARP SURA Excellence Award in the Best Management in Occupational Health category. July 2009 and Recognition in the National Excellence Award of the ARP Sura as one of the seven best Health and Safety programs in the world-class category. June 2011.
• Member of the Early Management pillar of the TPM (Total Productive Manufacturing) program. 2010 - 2012.
• First place EHS Global Awards 2009 in the category Excellence in Goals - People / Team. Baxter Healthcare Corporation. July 2010.

• First place EHS Global Awards 2008 in the Quality and Regulatory category. Baxter Healthcare Corporation. July 2009.
• Obtaining certifications for the first time in OHSAS 18001 (December 2008), BASC (April 2008), and annual recertifications.
• Formation and leadership of the Baxter Laboratories Emergency Brigade. Since March 2008.

Software Validation Engineer
May 2014 - July 2015 (1 year 3 months)

Finished satisfactory a 2-years project as Software validation lead for IT compliance global team.

Validation lead for WMS project (Warehouse Management System)

Pfizer
3 years 10 months

Validation Engineer
January 2005 - April 2007 (2 years 4 months)

Technical and documentary support for the development of the qualification process of new projects, required in the pharmaceutical industry, obtaining among others the following achievements:
• Implementation of the start-up and qualification (C&Q) program to document and standardize the process of design, development, and review of new projects in the Engineering area.
• Generation of the documentation required for the development of Engineering projects for the manufacturing plant: user requirements, design specifications, design review, and system installation and operation tests.
• Development of testing protocols, execution, and implementation of action plans for the delivery of new projects.

Junior Engineer
July 2003 - December 2004 (1 year 6 months)

Provision of professional services in the Industrial Security area as Validation Engineer of equipment, areas, and critical support systems, achieving the development of the following objectives:
• Implementation of the qualification process for equipment, areas, and critical support systems in Industrial Safety to ensure compliance with local regulations, Corporate and international policies.
• Integration of the validation process in Industrial Safety with the validation processes in Engineering.

• Generation of user requirements for the design and construction of projects with a focus on Industrial Safety that allows them to be framed from the start in compliance with applicable standards and policies.
• Development of Industrial Safety testing protocols and execution to guarantee compliance with regulations and policies.

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Education

Holberton School
Full Stack Software Engineer, Ingeniería de software · (2019 - 2020)

Universidad Tecnológica de Pereira
Master in Mathematics Teaching, Mathematics and Computer Science · (2019 - 2020)

Universidad Libre de Colombia
Project Management Specialization, Project Management · (2012 - 2013)

Universidad Autónoma de Occidente
Mechatronics Engineer, Mechatronics, Robotics, and Automation Engineering · (1998 - 2003)

Sestra ©
Project Management Diploma preparation for the PMP © PMI exam (Project Management Institute)., Project Management · (2013 - 2013)