Claudio A. Parra M.

Python Developer | Telecommunications Engineer

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Telecommunications Engineer and Python developer with passion for solving complex problems and coding.

💻 COURSES AND CERTIFICATES

❯ *EF* SET English Certificate C1 Advanced (66/100)
EF Standard English Test, 2024

❯ *T*ools for Database Modeling and SQL Queries.
Pontificia Universidad Católica de Chile, 2020

❯ *A*dvanced Python programming tools for data processing.
Pontificia Universidad Católica de Chile, 2020

❯ *P*ython programming tools for data processing.
Pontificia Universidad Católica de Chile, 2019

❯ *S*OAR Engineer, Security Analyst, Administrator.
Demisto, 2019

❯ *A*ccredited Configuration Engineer.
Palo Alto Networks, 2016

💼 PROFESSIONAL EXPERIENCE

Python Developer - Contractor
Tata Consultancy Services

📅 January 2022 - March 2024
📍 Santiago (Remote)

- Mid level python developer in a big financial company.
- Participated in the lifecycle of one of the client's Tool.
- The tool is an Agile project, with scrum and the 🟢 Spotify model.
- ★ Customized the Operator and Hook for Jenkins in Airflow.

`Python` `Fast API` `Flask` `Docker` `Git` `VS Code` `Linux` `GCP` `Airflow`

Development Engineer
Satelnet SpA.

📅 July 2019 – January 2022
📍 Puerto Varas

- Designed and developed some Industrial Internet of Things (IIOT) solutions.
- Wrote automation scripts for data acquisition, storage and cloud syncing.
- Developed custom protocols for LoRa communications with ESP32 chips.
- ★ Solved a Serial Communication challenge that saved a PoC.

`Python` `Flask` `VS Code` `Linux` `MongoDB` `GCP` `IIOT`

Cybersecurity Engineer
NeoSecure S.A

📅 Sept. 2018 – July 2019
📍 Providencia, Santiago

- Performed web and QRadar-based threat hunting.
- Participated in the Incident Response team activities.
- Wrote security newsletters and alerts.
- ★ Wrote python integrations for Telegram and OTRS in Demisto.

`CrowdStrike` `Demisto` `SOAR` `QRadar` `Python` `VS Code`

🎓 EDUCATION

Diplomma in Data Science
Univerisdad del Desarrollo

📅 November 2021 – May 2022

Diplomma in Data Analysis
Univerisdad del Desarrollo

📅 October 2020 – May 2021

Telecommunications Engineering
Universidad de Concepción

📅 April 2010 – March 2016
📄 *Thesis: "Plataforma de evaluación de movimientos con sensores IMU"*

B.Sc Engineering Science
Universidad de Concepción

📅 April 2010 – December 2014
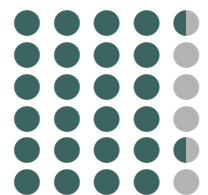
🅰🔤 LANGUAGES

Spanish ●●●●●
English ●●●◐○

⌨ SKILLS

Python, Bash ●●●●◐
Docker, Git ●●●●○
SQL, NoSQL ●●●●○
VS Code ●●●●○
Agile, Scrum ●●●●◐
Software Engineering ●●●●○

Coding: `C/C++` `JavaScript`

FW: `React` **`FastAPI`** `Flask` `Django`

DB: `MySQL` `SQLite` `BigQuery`

OS: **`Linux`** `macOS` `Windows`

Tools: `GCP` `Airflow` `GitHub`

Mgmt: `Agile` `Scrum` `Attlasian`

Tier 2 Security Analyst
Neosecure S.A

📅 January 2018 – Sept. 2018
- Performed static malware analysis.
- Conducted ArcSight SIEM-based threat hunting.
- Automated tasks and reports for the analysts team.

(ArcSight) (Python) (Linux)

📍 Providencia, Santiago

Tier 1 Security Analyst
Neosecure S.A

📅 July 2016 – December 2017
- Monitored security and availability with ArcSight.
- Performed availability monitoring with Nagios.
- Delivered reports for clients.
- Automated tasks for Tier 1 analysts.

(ArcSight) (Python) (Linux) (Nagios) (VisualBasic)

📍 Providencia, Santiago

Assistant Student: ICT Extension
Universidad de Concepción

📅 March 2014 – December 2015
- Served as a Community Manager for career's social media.
- Supported career event organization.
- Created posts for the career's webpage.

(WordPress) (HTML)

📍 Concepción

Assistant Student
Universidad de Concepción

📅 March 2014 – December 2015
- Assisted in Applied Statistics and Random Processes courses.
- Worked as a Laboratory Assistant in the Data Networks Laboratory course.
- Led practical classes (solving practical guides).
- Developed practical guides and evaluations.

(Python) (Linux) (MATLAB) (LaTeX)

📍 Concepción

📄 PUBLICATIONS

📄 Journal Articles

- P. Aqueveque, S. Sobarzo, F. Saavedra, C. Maldonado, and B. Gómez, "Android platform for realtime gait tracking using inertial measurement units," *European Journal of Translational Myology*, vol. 26, no. 3, Sep. 2016. DOI: 10.4081/ejtm.2016.6144.