Claudio A. Parra M.

Python Developer | Telecommunications Engineer

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COURSES AND CERTIFICATES

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

> Tools for Database Modeling and SQL Queries. Pontificia Universidad Católica de Chile, 2020

➤ Advanced Python programming tools for data processing. Pontificia Universidad Católica de Chile, 2020

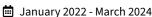
> Python programming tools for data processing. Pontificia Universidad Católica de Chile, 2019

> SOAR Engineer, Security Analyst, Administrator. Demisto, 2019

Accredited Configuration Engineer. Palo Alto Networks, 2016

PROFESSIONAL EXPERIENCE

Python Developer - Contractor **Tata Consultancy Services**



- 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
- 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**
- · 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)

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

EDUCATION

Diplomma in Data Science Univerisdad del Desarrollo

Movember 2021 – May 2022

Diplomma in Data Analysis Univerisdad del Desarrollo

iii October 2020 - May 2021

Telecommunications Engineering Universidad de Concepción

iii April 2010 - March 2016

🖪 Thesis: "Plataforma de evaluación de movimientos con sensores IMU"

B.Sc Engineering Science Universidad de Concepción

April 2010 - December 2014

AZLANGUAGES

Spanish English

CONSULTANCY SERVICES

Santiago (Remote)

Puerto Varas

NEOSECURE

Providencia, Santiago

SEK Security



SKILLS

Python, Bash Docker, Git SQL, NoSQL **VS Code**

Software Engineering Coding: C/C++ | JS

Frameworks: FastAPI Flask

DB: MySQL SQLite **BigQuery**

OS: Linux macOS Windows

Tools: GCP Airflow GitHub

Mgmt: Agile Scrum Attlasian

Tier 2 Security Analyst

Neosecure S.A

- i 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

NEOSECURE

Providencia, Santiago

Universidad de Concepción

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)

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

Universidad de Concepción

Concepción

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.





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.