

# Claudio A. Parra M.

## Python Developer | Telecommunications Engineer

@clmaldonadop@gmail.com  
in claudiopm

📍 Castro, Region de Los Lagos, Chile  
📞 +56922225921

## 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



📅 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

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

## EDUCATION

### Diplomma in Data Science

#### Universidad del Desarrollo

📅 November 2021 - May 2022

### Diplomma in Data Analysis

#### Universidad 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

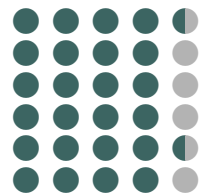
Docker, Git

SQL, NoSQL

VS Code

Agile, Scrum

Software Engineering



Coding: C/C++ JavaScript

FW: React FastAPI Django Flask

DB: MySQL SQLite MongoDB

OS: Linux macOS Windows

Tools: GCP Airflow GitHub

Mgmt: Agile Scrum Jira

## 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.