# 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

### Software Developer III - Contractor
**UST Global**

📅 November 2024 - Today          📍 Santiago (Remote)

- Senior python developer in a big financial company.
- Contributed to cost optimization features for cloud infrastructure.
- ★ Built a cost alerts system for company's gcp projects.
- Built infrastructure for Data Management in GCP.

Python | Fast API | Git | VS Code | Linux | GCP | Airflow | Jenkins | Terraform

### 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

## 🎓 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
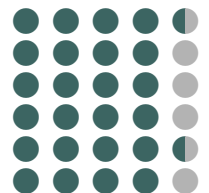**Universidad de Concepción**

📅 April 2010 – December 2014

## 🔤 LANGUAGES

Spanish   ●●●●●
English   ●●●●◐

## ⌨ SKILLS

**Python, Bash**          ●●●●◐
**Docker, Git, terraform** ●●●●○
**SQL, NoSQL**            ●●●●○
**Airflow, Jenkins**      ●●●●○
**Agile**                ●●●●◐
**Software Engineering**  ●●●●◐

Coding: C/C++ | Java | JS

Frameworks: **FastAPI** | Flask

DB: MySQL | SQLite | BigQuery

OS: **Linux** | macOS | Windows

Tools: GCP | GitHub | Jenkins

Mgmt: Agile | Scrum | Attlasian

## Cybersecurity Engineer
### NeoSecure S.A

📅 Sept. 2018 – July 2019

NEOSECURE by SEK

📍 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)

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## Tier 2 Security Analyst
### Neosecure S.A

📅 January 2018 – Sept. 2018

NEOSECURE by SEK

📍 Providencia, Santiago

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

(ArcSight) (Python) (Linux)

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## Tier 1 Security Analyst
### Neosecure S.A

📅 July 2016 – December 2017

NEOSECURE by SEK

📍 Providencia, Santiago

- 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)

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## Assistant Student: ICT Extension
### Universidad de Concepción

📅 March 2014 – December 2015

Universidad de Concepción

📍 Concepción

- Served as a Community Manager for career's social media.
- Supported career event organization.
- Created posts for the career's webpage.

(WordPress) (HTML)

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## Assistant Student
### Universidad de Concepción

📅 March 2014 – December 2015

Universidad de Concepción

📍 Concepción

- 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)