

Claudio A. Parra M.

Python Developer | Telecommunications Engineer

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COURSES AND CERTIFICATES

- Google AI Essentials <https://coursera.org/verify/4PX6S8XR3RDE>
Google - Coursera, 2024
- 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.

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

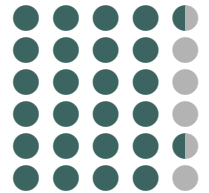
Docker, Git

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

CrowdStrike Demisto SOAR QRadar Python VS Code

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.