

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

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

🎓 EDUCATION

Diploma in Data Science

Universidad del Desarrollo

📅 November 2021 – May 2022

Diploma 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

💼 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

Satelnets 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.

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 L^AT_EX



📍 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.