

# WOLFLER GUZZO FERREIRA

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## PROFESSIONAL SUMMARY

Aspiring Python Developer and Data Scientist with a solid foundation in software development and data analysis. Equipped with practical experience in creating software solutions through academic projects, including data visualisation implementations and machine learning models. Seeking an entry-level position or apprenticeship to apply my skills in Python, JavaScript, web technologies, and data analysis whilst contributing to team success through diligent work ethic, meticulous attention to detail, and strong organisational abilities.

## TECHNICAL SKILLS

### Programming Languages:

Python (primary), JavaScript, HTML5, CSS3

### Databases:

MySQL, SQLite

### Development Tools:

Git, GitHub, Version Control, Data Visualisation, RESTful APIs

### Frameworks & Libraries:

Django, Flask, Pandas, NumPy, Scikit-Learn

### Machine Learning:

Natural Language Processing (NLP), Sentiment Analysis, Classification Models

## PROFESSIONAL EXPERIENCE

### AI Trainer (Freelance) | Alignerr

October 2024 - Present

Working collaboratively with Alignerr to enhance AI model accuracy and contextual understanding through dataset refinement and analysis. This role involves:

- Developing and refining datasets to improve AI performance in language-related tasks, resulting in measurable enhancements to model capabilities
- Delivering high-quality results within strict project deadlines whilst adhering to company and industry standards
- Applying analytical thinking to identify patterns and optimise model training processes

### Data Science Bootcamp | HyperionDev

November 2023 - September 2024

Completed an intensive bootcamp focused on Python programming, probability, statistics, data science libraries, and fundamental machine learning concepts.

- Implemented end-to-end features using Python and Django framework across three backend development capstone projects
- Actively participated in collaborative debugging sessions, developing robust problem-solving skills
- Demonstrated proficiency in version control using Git across five capstone projects

- Completed five practical, real-world projects including data visualisation and machine learning implementations

## KEY PROJECTS

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### Flask Weather Station API

Developed a comprehensive RESTful API using Flask that provides real-time temperature data by consuming the Open-Meteo API and word definitions through the Free Dictionary API. The project includes well-documented endpoints for weather data queries and dictionary lookups.

*Technologies: Python, Flask, RESTful API design, HTTP Requests*

### Fake News Detection System

Implemented a machine learning model to identify potentially misleading news articles. The project comprises a Python-based model training script utilising TF-IDF vectorisation and Logistic Regression, alongside a Flask web application for real-time predictions and user interaction.

*Technologies: Python, Flask, Scikit-learn, Pandas, Natural Language Processing*

### Sentiment Analysis on Social Media Data

Developed and presented a sentiment analysis project examining social media content as part of a bootcamp challenge. The implementation received positive feedback for presentation clarity and model accuracy in classifying emotional tone.

*Technologies: Python, NLP libraries, Data Visualisation, Machine Learning*

## EDUCATION

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### Bachelor of Computer Science

| Estácio de Sá

*June 2023 - September 2027 (Currently Enrolled)*

### Data Science Bootcamp

| HyperionDev

*November 2023 - September 2024*

### ESOL (English for Speakers of Other Languages)

| Waltham Forest College

*January 2020 - December 2022*

### Bachelor's Degree in Law

| UNESC - Centro Universitário do Espírito Santo

*January 2011 - December 2016*

### Computer Networking Technician

| IFES - Instituto Federal do Espírito Santo

*January 2006 - December 2008*

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

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- **PCEP™ – Certified Entry-Level Python Programmer** | Python Institute (June 2025) | Certification ID: QEQ3.419B.BhDK
- **100 Days of Code: The Complete Python Pro Bootcamp** | Udemy (February 2024)
- **Python: Advancing the Language** | Alura (January 2022)

- **Python: Starting with the Language** | Alura (January 2022)
- **HTML5 and CSS3: Positioning, Lists and Navigation** | Alura (February 2020)
- **JavaScript and HTML: Practice Logic with Drawings, Animations, and a Game** | Alura (December 2019)
- **JavaScript and HTML: Develop a Game and Practice Programming Logic** | Alura (November 2019)

## ADDITIONAL ACHIEVEMENTS

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- Volunteered as a mentor in an introductory Python programming workshop, assisting beginners in understanding fundamental concepts
- Actively contribute to open-source projects on GitHub, demonstrating commitment to collaborative development
- Regularly participate in coding challenges to continuously improve problem-solving abilities

## LANGUAGES

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- **English:** Professional working proficiency
- **Portuguese:** Native proficiency

## REFERENCES

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Available upon request.