



## Introduction

Statwolf, founded in 2014 by three Ph.D. holders in Machine Learning (ML), specializes in ML consultancy, particularly in Industry 4.0 (now 5.0), Digital Marketing & Sales and now we are facing the challenges related to the advent of generative AI.

With our headquarters in Dublin and a data science office in Padova, our mission is to bridge the gap between academic methodologies and practical analytic solutions in the field of data science.

## Internship Opportunities

We are excited to offer up to 2 internships starting from March 2024, which can include a stage and master thesis.

The internship duration is 3-5 months, with salary or reimbursement based on the candidate's expertise.

## Key Areas of Internship

1. **Industry 5.0:** Focus on smart monitoring solutions for Industrial IoT, anomaly detection, fault detection & classification, and predictive maintenance.
2. **Digital Marketing & E-commerce:** Design advanced data analytic solutions for digital marketing, including the discovery of insights and the developing of ML models on CRM.
3. **Generative AI:** Research and application of Generative AI solutions, including developing chatbots and digital assistants.

## Requirements

- Proficiency in Python programming.
- Basic knowledge of SQL (preferred).

## Internship Goals

- Design and implement data analytic solutions.
- Conduct exploratory data analysis and problem formulation.
- Identify and evaluate suitable machine learning models.
- Implement a proof-of-concept for the chosen solution.

## Challenges and Opportunities

- Deal with real-world data and create tailored solutions.
- Gain an end-to-end experience from data integration to ML output consumption.
- Receive full support from Statwolf's team of data scientists, engineers, and ML experts.