Nestor Narbona Chulvi

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Personal Statement

I'm a Data Scientist with a background in behavioral sciences, currently based in Spain after spending the past six years in the Netherlands. Data and code are my passion, with several years of hands-on experience in the private sector and academia. I appreciate the computational and scientific complexities of the role, sometimes slipping into the shoes of a software developer, other times embodying a meticulous researchers. I enjoy collaborating with colleagues and exchanging skills and different approaches to the craft

Experience

Data Scientist, Machine Learning Programs – Amsterdam, NL — Feb 2024 – May 2025

- We develop pricing and risk assessment products for insurers and insurance brokers
- My role involves from the initial data analysis and exploration, to ML and modeling, and finally development of client interfaces

Teacher Assistant, University of Amsterdam – Amsterdam, NL — Jan 2023 – Feb 2024

- Teacher Assistant for Computational Sciences (BSc)
- Lectures and practical sessions on data analysis (i.e. Python) and web development (i.e. HTML, CSS, Python, SQL)
- Intake and communication with clients in development of web applications

Junior Lecturer, Athena Studies – Amsterdam, NL — May 2021 – Jun 2022

- Athena Studies is the N.1 Dutch company offering study assistance at university level
- My role involved preparing material and giving lectures on a variety of statistics and data analysis courses
- Students evaluation: 9.52

Education

Universitat Oberta de Catalunya, Computer Science Major — Sept 2025 – Present

- GPA: 8.12/10
- Part-time, online education.
- **Coursework:** ML, Software development, databases, electronics

University of Amsterdam, Computational Science Minor — Sept 2022 – June 2023

- GPA: 8.75/10
- **Coursework:** Computational modeling, data analysis, linear algebra, probability theory

University of Amsterdam, Psychology Major — Sept 2019 – June 2022

- GPA: 8.19/10 (graduated with Honors)
- **Specialization:** Research Methods & Statistics
- **Thesis:** Using Social Media Analytics to Explore Political Involvement and Polarization
- **Coursework:** Behavioral change, statistics, experimental design, scientific data analysis, social psychology

IES Pere Boil, Valencia, International Baccalaureate (IB) — Sept 2017 – June 2019

- GPA: 41/45
- **Coursework:** Business management, Spanish literature, French, mathematics, history

Projects

**Only projects not protected under NDA are shown*

Flask-based personal blogging web app — github.com/blog

- A lightweight web app for personal blogging. Includes extended markdown support and complete newsletter

logic via email.

- **Topics:** Flask, Docker, SQL, Celery, SMTP, Nginx, VPS

Modeling information diffusion in empirical and theoretical social networks github.com/project-cs

- Evaluating empirical validity of the Barabási-Albert network model in the context of information diffusion
- **Topics:** Network analysis, hypothesis testing, data visualization, information diffusion modeling

Stock value prediction based on sentiment analysis of financial articles github.com/project-sda

- Evaluate the predictive value of sentiment recorded in financial news on stock prices.
- **Topics:** Time series, natural language processing, hypothesis testing, financial modeling

Measuring political involvement in Twitter using SVM and followers network report

- Improvement on methods used to measure political involvement and attitude of Twitter users.
- **Topics:** SVM classifier, natural language processing, API, model fitting, measurement validity

Using Social Media Analytics to Explore Political Involvement and Polarization github.com/thesis-project

- Using Twitter data we evaluate the fitness of the Cusp Catastrophe model when applied to the field of attitude change.
- **Topics:** attitude modeling, natural language processing, API, model fitting

Technologies

Programming languages Python, SQL, R, C, HTML, CSS, Bash

Data science Jupyter, Pandas, Seaborn, Matplotlib, Scikitlearn, TensorFlow

Software dev/Operations Git, Pytest, FastAPI, Flask, Redis, Linux VPS, Docker, Nginx

Languages

Spanish native **Catalan** native **English** C1 **French** B2