CAROLINA BRAÑAS

(+34)·644·004·477 ⋄ carobrasor@gmail.com ⋄ carobs9.github.io ⋄ carobs9 ⋄ carolinabranas

Copenhagen, Denmark

EDUCATION

UNIVERSITY OF COPENHAGEN **2022 – 2025**
M.Sc. Social Data Science
Thesis: Mobility and income segregation in Madrid, Spain.

CARDINAL STRITCH UNIVERSITY **2018 – 2022**
B.Sc. Marketing, Minor in Computer Science
Dean's List (2018–2022)
Honours: Best Graduating GPA of Marketing B.Sc. (2022)

EXPERIENCE

UNIVERSITY OF COPENHAGEN *Research Assistant in Data Science* **May 2024 – present**
↪ Prof. Jeanet Bentzen

Working along a team of researchers for the project Shocking Religion, which examines the impact of religion on economic factors using shocks to religion as natural experiments.

- Applied topic modeling using SentenceTransformers and BERTopic; developed retrieval-augmented generation (RAG) pipelines with LLMs for contextual document analysis.
- Conducted time series analysis on historical data and supported findings with statistical methods and visualizations.
- Communicated results through written reports and presentations to both technical and non-technical audiences.

ABOVE SPORTS *Data Scientist* **October 2023 – May 2024**
- Collaborated on process automation and product performance improvements.
- Built computer vision models to enhance logo detection systems.

CRESCENDO COLLECTIVE *Marketing Strategist* **September 2021 – May 2022**
- Conducted analysis using Google Analytics and Google Ads, delivering actionable reports.
- Researched market competition and automated internal processes with the data team.

SKILLS

PROGRAMMING: Python (numpy, tensorflow, matplotlib, pytorch), SQL, Bash
ML & NLP: Transformers, Topic Modeling (umap, hdbscan, bertopic), Scikit-learn, Hugging Face
GEOSPATIAL: Geopandas, Rasterio, QGIS
CLOUD / TOOLS: UCloud, Git, Docker, Linux, VSCode

AWARDS

Dean's List **2018–2022**
Achieved Dean's List every semester of B.Sc. for a GPA above 3.5 with at least 12 credits.

Best Graduating GPA of Marketing B.Sc. **2022**
Graduated with the top GPA (3.8/4.0) in Marketing.

Academic and Athletic Grant **2018–2022**
Received a full scholarship for academic excellence and soccer performance over four years.