

Daniel Sharp

Ex-Founder & CTO · Full-Stack Developer · Data Scientist

CONTACT

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SKILLS

Languages

Python · TypeScript · SQL

ML & data science

Scikit-Learn · Keras · Pandas · SHAP values · SDV · Neo4j

Frontend

React · Tailwind · shadcn · React Flow · TanStack · Zustand

Web & APIs

FastAPI · Django · REST

AI tooling

Claude Code · Ollama · RAG · Agents

Infrastructure

Docker · AWS · GCP · Apache Airflow · Github Actions

Standards and climate regulation

ISO 27001 · CBAM · EU ETS · GHG Protocol

LANGUAGES

English *Native*

Spanish *Native*

EDUCATION

MSc, Data Science

ITAM Mexico · 2017–2018

BEng, Business Engineering

ITAM Mexico · 2013–2017

CERTIFICATIONS

Neo4J Certified Professional

Neo4j · Nov 2020

NVIDIA DLI – Satellite Imagery

NVIDIA · Dec 2022

GHG Protocol Corporate Standard

GHG Protocol ·

VOLUNTEERING

Volunteer — Enlace Rural

Aug 2015–Jun 2016

Tea production project with low-income women in Mexico.

Teacher — IDEX India

Jun–Jul 2014

English & Maths teaching in India, including one-on-one with a child with special needs.

PROFILE

Full-stack developer and data scientist with 7+ years of experience, most recently as Founder & CTO of CBAMBOO, a climate tech startup building the EU CBAM compliance platform. Experienced across the full product lifecycle: from pre-seed fundraising and hiring to shipping production ML systems and earning ISO 27001 certification. Now relocating to Göteborg and seeking an engineering or technical role at an ambitious startup.

EXPERIENCE

Founder & CTO

CBAMBOO · May 2023 – Apr 2026 · 3 yrs

- Co-founded a climate tech startup building the operating system for EU carbon border taxes (CBAM).
- Raised £1m pre-seed round led by Pale Blue Dot (Mudcake, PUSH, Prequel Ventures).
- Built CBAMBOO from zero: emissions data sharing platform with automated XML report generation for EU importers, reducing filing to a single click.
- Built CBAMBOO Pro: AI-powered platform forecasting carbon costs from purchase order, saving importers ~€750k/year vs default values.
- Led company to ISO 27001:2022 certification (audited by BSI).
- Hired and managed the engineering team; defined all architecture and infrastructure decisions.

Carbon13 Cohort 5

Carbon13 — venture builder for the climate emergency · Mar 2023 – Nov 2023 · 9 mos

- Joined the flagship climate venture builder programme alongside 80+ founders.
- Founded CBAMBOO within the programme and closed pre-seed funding by end of cohort.

Lead Data Scientist (part-time)

Applied Data Science Partners · Mar 2023 – Aug 2023 · 6 mos

- Continued client engagements in a part-time capacity while building CBAMBOO, including a service to identify fraudulent patterns in construction transactional data.

Data Science Consultant

Capco · Jun 2022 – Mar 2023 · 10 mos

- Implemented synthetic data generation (SDV library) for a PoC at a major UK bank.
- Built SHAP value analysis on a product recommender and a FastAPI serving layer for frontend integration.
- Designed and delivered an Interpretable ML internal course (SHAP, PDP, surrogate models).

Data Scientist → Lead Data Scientist

Applied Data Science Partners · Apr 2019 – May 2022 · 3 yrs 2 mos

- Promoted from Data Scientist to Lead within 3 years across a range of client engagements.
- Built a tag recommendation system for a major UK art gallery using MPNet embeddings + FastAPI.
- Developed a profitable trading recommender for the UK power market with live Slack integration.
- Delivered product ordering/inventory scoring models served on Django APIs.
- Built web scrapers with Selenium + BeautifulSoup, orchestrated via Apache Airflow.
- Applied Shapley value analysis throughout for model explainability and stakeholder communication.