

Cormac Berkery

Pragmatic and analytically rigorous, but business-minded with a creative flair.

I keep commercial success as the north star — I love chipping away at errors until models are performant, then turning on the charm to sell good ideas.



EMAIL	PHONE	LOCATION	LINKEDIN
cormacberkery@gmail.com	+31 6 2636 4357	Amsterdam, Netherlands	linkedin.com/in/cormacberkery

— EXPERIENCE

ML Engineering Lead

Merqato

Jun 2025 - Present

Demand & supply forecasting for the fresh-produce industry. Acted unofficially as interim PM for ~6 months - managing client relationships, roadmap, execution.

- Matured the product offering and infrastructure: shifted away from ad-hoc, service-oriented contracts toward a clear, scalable set of offerings.
- Now transitioning back to full focus on model experimentation and performance after handing off to a dedicated PM.

Python · Azure · Docker · Next.js · Postgres

Data Scientist (Founding DS team)

Source.ag

Oct 2021 - Dec 2024

Founding member of the Data Science team at an AI-greenhouse-management startup. Built products from the ground up in a data-rich, under-served domain.

- ML yield forecasting & R&D — models are SOTA, beating experienced on-premise growers on long-horizon forecasts.
- Built a first-of-its-kind greenhouse digital twin, modelling individual fruits up to entire facilities.
- End-to-end MLOps: pipelines, evaluation framework now gating CI/CD, performance monitoring.
- Constant collaboration with growers and commercial teams to prioritise, debug and refine forecasts.

Python · AWS · Spark/SQL · Databricks · MLflow

Machine Learning Engineer Intern

NXP Semiconductors

Feb 2021 - Aug 2021

Built a model predicting compute-job resource requirements and suggesting submission parameters from Splunk cluster-utilisation data.

- Maximised system throughput by estimating requirements at team / project-status / role level and nudging better defaults — over-claiming was individually rewarding but systemically damaging.
- Low-risk, fast, visible delivery — reframed for me what 'best' looks like under real constraints.

Python · Bash · Docker · Redis · Splunk

Teaching Assistant — Data Mining Techniques

Vrije Universiteit Amsterdam

Apr 2020 - Aug 2020

Returned as TA after scoring well the previous year. Stats and programming tutorials, supervised Masters projects. Top-rated student feedback (4.18 / 5).

Founder & CEO — Tourtoise

Launchbox Accelerator · Trinity College Dublin

2017 - 2018

Booking platform connecting tourists with locals for authentic city experiences. Raised >€10k seed, won a place in Trinity's Launchbox accelerator.

— EDUCATION

MSc Computational Science

University of Amsterdam

2018 - 2021

GPA 7.8 Dutch grading scale

BA Mathematics & Economics

Trinity College Dublin

2014 - 2018

Awarded II-1

— STACK

LANGUAGES

Python · JavaScript · SQL · Bash

ML & DATA

Pandas · NumPy · Pandera · scikit-learn · LightGBM · XGBoost · TensorFlow · Keras · Kedro

CLOUD, DEVOPS & INFRA

AWS · Azure · Docker · Dev Containers · MLflow · Airflow · Databricks · GitHub CI/CD

WEB & VIZ

React · Three.js · Flask · Next.js · Plotly · API development

— STRENGTHS

- Time-series & forecasting
- Bioinformatics
- Climate modelling
- Performance tuning, monitoring & explainability
- Experimental design, end-to-end delivery, agile

— REFERENCE

Tobias Platenburg

Lead Data Scientist, Source.ag

tobias.platenburg@source.ag

+31 6 1253 2740