Ricardo Boeri Decal

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🐙 crypdick · 🗒 crypdick · 💼 richarddecal · 🎓 GScholar · 🏠 ricardodecal.com

Skills$^+$ denotes proficiency

Languages	Python$^+$ · R (Tidyverse) · Español$^+$ · English$^+$ · Italiano
Tools	PyTorch$^+$, Keras, Tensorflow · (Geo)Pandas$^+$, Dask, PostgreSQL · Ray/Anyscale$^+$, PySpark, Hadoop · MetaFlow$^+$, Airflow, Kedro$^+$, MLFlow · Scipy, Sklearn, UMAP$^+$ · Plotly Dash, Streamlit, Gradio, Seaborn, Altair$^+$ · AWS stack, SageMaker · LaTeX
Passions	AI for climate change. Travel, photos, outdoor sports, Couchsurfing.

Experience

Product Manager, *Anyscale* — 2025 — Now
Product manager for Ray Train and Ray Tune.

Lead Machine Learning Scientist, *Dendra Systems* — 2020 — 2025
Founding lead. Full-stack ML engineer, scaling ecosystem analysis with long-tailed computer vision.

Lead Data Scientist, *Pacemate* — 2019
First ML hire. Improved cardiac patient care with automated time-series analysis of ECG data.

Data Scientist, *Master's capstone project* — 2018
Modeled effects of chronic conditions on heart failure using embeddings, clustering, & Markov models.

Research Intern, *Neuron Morphology Team, Allen Institute for Brain Science* — Summer 2018
POC deep reinforcement learning for neuron tracing of Pb-scale brain microscope data.

Classroom Mentor, *Intro to Programming Nanodegree, Udacity* — 2017 — 2018
Guided students 1-on-1 in the *Python for Data Analysis* Track.

Research Assistant, *Fairhall Lab, Dept. of Biophysics, Uni. of Washington* — 2014 — 2016
Simulated mosquito thermal plume navigation using agent-based models of windtunnel experiments.

Publications

See Google Scholar for full list.

Invited Talks

Ray Summit '21 — *How Ray and Anyscale Make it Easy to do Massive-scale ML on Aerial Imagery*.

Education

M.S. Data Science, *New College of Florida.* Full tuition scholarship. — 2017 — 2018
B.A., Chemistry/Biology (Honors), *New College of Florida* — 2007 — 2011
Harriet L. Wilkes Honors College, *Early admission (16 years old)* — 2006 — 2007
MOOC: Comp. Neurosci. ('14), ML Foundations ('16), ML Engineer ('17), GANs ('20), MLOPs ('21)