

Ricardo Boeri Decal

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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

Machine Learning Engineer, Anyscale	2025 — Now
I work on various LLM-related initiatives: dogfooding new features, improving DevEx, creating tutorials.	
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 <i>Python for Data Analysis</i> 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 [How Ray and Anyscale Make it Easy to do Massive-scale ML on Aerial Imagery](#). '21

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)		