LUKA NEGOITA, PHD

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>> DATA SCIENCE | RESEARCH | MACHINE LEARNING

MOTIVATION

I use my skills to improve product R&D at early-stage companies with a vision for social, health, or environmental impact. I prioritize actionable insights and tangible business value, while always seeking ways to improve. I look for teams that value curiosity, clear communication, and a culture of mutual growth to create transformative products.

SKILLS & TOOLS

Programming: R (14+ years of experience), Python, SQL, DBT, GCS, HTML/CSS

Machine Learning: Linear and Logistic Regression, Time-series, Bayesian, Evo Algorithms, Decision Trees, Random Forest, KNN, k-means, Ordination, NLP, Decision analysis, Simulation

Other: LLM Prompt Engineering, GitHub, Metabase, Data Visualization, Experimental design

Senior Data Scientist (May 2022 - present) — Nutrisense, Inc. (Remote)
- Nutrisense is a health-tech startup dedicated to helping people reach their health potential. In this position I assumed multiple responsibilities, including...
- Analyzed data to build predictive models and generate actionable insights across the company with the marketing, product, operations, and finance teams
- Helped lead user outcomes research through scientific collaborations and studies
- Built data pipelines to support self-serve data dashboards using DBT and Metabase across the company

Founder and Lead R Instructor (May 2020 - present) — R for Ecology online school, New York
- Built an online school to teach scientists how to use R (currently 1000+ students)
- Currently manage a team of two other assistants and instructors
- Manage and share resources via my blog, YouTube channel, and Twitter feed

Ecologist and Biostatistician (Oct 2017 - Nov 2021) — Charles Darwin Foundation, Galapagos, Ecuador
- Led research studies and analyzed environmental data using Bayesian, regression, model selection, and time-series analyses and found data-driven solutions to reduce project costs by 34%
- Generated data visualizations, infographics, and technical reports for communicating results to stakeholders and general public
- Built and maintained online dashboards with R-Shiny for managing, visualizing, and analyzing financial and ecological data

Research Scientist (Nov 2010 - May 2020)
- Led four major research programs at two universities, executing all design, data collection, and analyses
- Funded ten grants, fellowships, and crowdfunds totaling over $175,000 USD
- Published four first-author peer-reviewed publications and numerous conference presentations and reports

Senior Research Analyst (Dec 2017 - Mar 2018) — The Research Foundation at SUNY, Syracuse, New York
- Conducted statistical analyses on environmental data from studies in the Galapagos
- Generated graphical and tabular summaries of analyses, producing narratives of the statistical methods and interpretations of results that were later used in publications

Founder and CEO (Sept 2015 - Jan 2018) — HabitU Lab, LLC, New York
- Led a development team to build an app designed to help people reduce stress by combining a habit-tracking system with behavioral psychology
- Bootstrapped the tech startup and successfully acquired investor funding
- Awarded Student Entrepreneur of the Year 2017 by Whitman School of Management, SU

EDUCATION

PhD (Quantitative Plant Ecology and Biology)
2012 - 2018 — Syracuse University, New York

BA (Human Ecology)
2007 - 2011 — College of the Atlantic, Maine