

# Luka Negoita, PhD

## Ecologist and Data Scientist



I believe the fundamental beauty of the world comes from understanding the stories behind the patterns we see—and that is what I seek as a data scientist. I eat, sleep, and breathe managing, analyzing, visualizing, and presenting data. Have some data? Let me clean it. Have some numbers? Let me tell a story.

## Experience

Oct 2017 –  
Current

### Ecologist and Biostatistician

*Charles Darwin Foundation, Galapagos Islands, Ecuador*

- Designed research studies and analyzed environmental data using Bayesian, regression, model selection, and time-series analysis to improve the success of environmental conservation programs
- Generated data visualizations, infographics, and technical reports for communicating results to stakeholders and general public
- Built a culture of learning by bringing staff together in joint educational and community-building experiences
- Built and maintained online dashboards with R-Shiny for managing, visualizing, and analyzing financial and ecological data

May 2010 –  
Current

### Freelance Data Scientist

- Led four major research programs at two universities, executing all technical design, data collection, and data analyses
- Funded ten grants, fellowships, or crowdfunds totaling over \$175,000
- Designed the research for a study to test effectiveness of an app designed to help people reduce stress
- Published five peer-reviewed publications and numerous conference presentations and technical reports

Dec 2017 –  
Mar 2018

### Senior Research Analyst

*The Research Foundation for SUNY, Syracuse, NY*

- Conducted statistical analyses on environmental data from studies completed in the Galapagos islands
- Generated graphical and tabular summaries of analyses, and produced narrative of the statistical methods and interpretations of results

Sept 2015 –  
Jan 2018

### Founder and CEO

*HabitU Lab, LLC, Syracuse, NY*

- 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 through early growth stages by using the lean startup philosophy, consulting with mentors, and participating in business incubators and competitions.

## Education

2012 – 2018

### PhD in Biology (Quantitative Plant Ecology)

*Syracuse University, Syracuse, NY*

2007 – 2011

### BA in Human Ecology

*College of the Atlantic, Bar Harbor, ME*

## Contact

### Address

Charles Darwin Foundation  
Galapagos Islands, Ecuador

### Phone (WhatsApp)

+593.98.365.6258

### Email

lukanegoita@gmail.com

### Linkedin

linkedin.com/in/negoita

### Website

www.lukanegoita.com

## Skills

### R

Expert



Regression, Time-series,  
Spatial, Classification, ML,  
Bayesian, and Evolutionary

Expert



### Data Cleaning/Wrangling

Expert



### Data Visualization

Expert



### Research Design

Expert



### Dedication to Learning

Expert



### R – Shiny

Skilled



### NLP

Learning



### Git/GitHub

Learning



### Python

Learning



### SQL

Learning

