Richard Boeri Decal

>_ Skills

Novice ▪▫▫ · **Intermediate** ▪▪▫ · **Proficient** ▪▪▫ · **Master** 🎩

Algorithms	Regression ▪▫▫ · Gradient descent ▪▪▫ · Cross-validation ▪▫▫ · Neural style transfer ▪▪▫
Languages	Python ▪▪▫ · Bash ▪▫▫ · CSS ▪▫▫
Coding	Machine learning ▪▪▫ · Pandas ▪▪▫ · Numpy ▪▪▫ · Scikit-learn ▪▫▫ · Matplotlib ▪▫▫ · Git ▪▪▫ · Unix CLI ▪▪▫ · MySQL ▪▫▫
OS	Linux ▪▪▫ · MS Windows ▪▪▫ · Mac OS X ▪▪▫ · Android 🎩 · iOS ▪▪▫
Research	Experienced in computational neuroscience, biochemistry, genetics, and marine biology research. I am co-author on several peer-reviewed scientific publications.
Misc.	Español ▪▪▫ · English 🎩 · Italian ▪▪▫ · Mandarin ▪▪▫ · Technical writing ▪▪▫ · Photoshop & Lightroom ▪▪▫ · Algorithmic trading ▪▪▫
Passions ♥	Travel, teaching, learning, social justice, climate change, my tiny home, ++

⑂ Projects

Roboskeeter	Dynamical agent models of mosquito decision-making. Coded in Python using Numpy, Pandas, Matplotlib, and Scipy.

💼 Experience

Research Assistant — Seattle, WA
Fairhall Lab, Dept. of Biophysics, Uni. of Washington — 2014 → 2016

- Responsible for simulating experiments (processing data, coding, debugging, analysis) using Python computing and visualization packages.
- Learned concepts in neuronal dynamics which are relevant to artificial deep neural networks.
- Preparing manuscript for peer-review with my collaborators.

🎓 Education

Artificial Intelligence Engineer Nanodegree — Udacity.com
Udacity & Kaggle

B.A., Chemistry/Biology (Honors) — Sarasota, FL
New College of Florida

 crypdick · in richarddecal · crypdick · 🏠 homepage
✉ decal@uw.edu · ☎ +1 48448-DECAL