Richard Boeri Decal

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Education

Artificial Intelligence Engineer Nanodegree — Udacity.com
Udacity & Kaggle — Jan. 2017 → Now

B.A., Chemistry/Biology (Honors) — Sarasota, FL
New College of Florida — Aug. 2007 → May 2011

>_ Skills

Novice · **Intermediate** · **Proficient** · **Master**

Algorithms Regression · gradient descent · cross-validation · neural style transfer

Languages Python · Shell scripting · CSS

Programming Pandas · Numpy · Scikit-learn · Matplotlib · Git · Unix CLI

Research Former research in the fields of computational neuroscience, biochemistry, genetics, and marine biology. I am co-author on several peer-reviewed scientific publications.

Operating Systems Linux · MS Windows · Mac OS X · Android · iOS

Misc. Español · English · Italian · Photoshop & Lightroom · LaTeX · Algorithmic financial trading · ZFS · PGP & Tor · Building computers

Projects

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

Experience

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

- Created simulations of mosquito decision-making experiments using SciPy.
- Preparing manuscript for peer-review.

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