

Richard Boeri Decal

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>_ 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	Created models of mosquito decision-making. Coded in Python using Numpy, Pandas, Matplotlib, and Scipy.
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👜 Experience

Research Assistant	Seattle, WA
<i>Fairhall Lab, Dept. of Biophysics, Uni. of Washington</i>	2014 → 2016
<ul style="list-style-type: none">• 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
<i>Udacity & Kaggle</i>	
B.A., Chemistry/Biology (Honors)	Sarasota, FL
<i>New College of Florida</i>	