

>_ Skills

★ denotes proficiency

Algorithms	Regression · Gradient descent ★ · Cross-validation · Neural style transfer ★
Languages	Python ★
Coding	Machine learning · Pandas ★ · Numpy ★ · Scikit-learn · Matplotlib · Git ★ · Unix CLI
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 · Technical writing
Passions ♥	Travel, teaching, learning, social justice, climate change, my tiny home, ++

🔗 Projects

Roboskeeter	<ul style="list-style-type: none">• Researching how mosquitos track heat in turbulent environments while seeking blood.• Created mathematical models of decision-making using windtunnel experimental data.• This research is on-going. I am collaborating on a manuscript for peer-review.
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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.	

🎓 Education

Artificial Intelligence Engineer Nanodegree , Udacity & Kaggle	Udacity.com
B.A., Chemistry/Biology (Honors) , New College of Florida	Sarasota, FL