

Education

Artificial Intelligence Engineer Nanodegree

Udacity & Kaggle

[Udacity.com](https://www.udacity.com)

Jan. 2017 → Now

B.A., Chemistry/Biology (Honors)






























New College of Florida

Sarasota, FL

Aug. 2007 → May 2011

>_ Skills

Novice  · Intermediate  · Proficient  · Master 

ALGORITHMS	Regression  · gradient descent  · cross-validation  · neural style transfer 
LANGUAGES	Python  · Bash  · CSS 
PROGRAMMING	Pandas  · Numpy  · Scikit-learn  · Matplotlib  · Git  · Unix CLI  · MySQL 
OS	Linux  · MS Windows  · Mac OS X  · Android  · iOS 
RESEARCH	Former research in the fields of computational neuroscience, biochemistry, genetics, and marine biology. I am co-author on several peer-reviewed scientific publications.
MISC.	Español  · English  · Italian  · Mandarin  · L ^A T _E X  · Photoshop & Lightroom  · 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.
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Experience

Research Assistant

Fairhall Lab, Dept. of Biophysics, Uni. of Washington

Seattle, WA

Oct. 2014 → Jan. 2016

- Processed data and created simulations using Python computing and visualization packages.
- Learned foundational concepts in neuronal dynamics which are applicable to artificial deep neural networks.
- Preparing manuscript for peer-review.