



EVAN PHIBBS

Student | Software Engineer | Data Scientist

Seeking a research internship in machine learning for summer 2017

Education



University of Illinois Urbana-Champaign

Fall 2014 - Spring 2017

Major: Computer Science & Physics

GPA: 3.41

Awards: University Achievement, James Scholar

Clubs: Automata Robotics Club: Co-Founder, Treasurer

Experience

Booz Allen Hamilton

Software Development Intern
Summer 2016

Project: Design a software platform to improve interorganizational cooperation during disaster relief.

My Role: Implemented blockchain and mesh networks. Did market research, contributed to marketing presentation, and co-presented to leadership in McLean, VA.

Skills: Java, Sockets, Mesh Networks, Blockchain, Bluetooth

UIUC AI Lab

Machine Learning Lab Research Intern
Jan. 2015 - Jan. 2016

Project: Create an algorithm for automating discovery of "interesting" data in large scientific datasets.

My Role: Extended Algorithm using nonlinear dimensionality reduction.

Skills: Matlab, Research

UCSD Computer Vision Lab

Research Intern
Summer 2014

Project: Program a turtlebot to determine if a class of objects has been seen before.

My Role: Coded and trained a convolutional neural network to recognize objects in front of a camera

Skills: Python, Caffe, Scikit-learn, ROS, Research

Projects

Correct Machine Speech

Intonation Personal Project

Project: Create machine speech with correct intonation.

Role: Coded a deep recurrent neural network trained on word sentiment and previous intonations.

Skills: Theano, Multiprocessing, RNN

Neural Prosthetics Project

Engineering Competition

Project: Allow a user to fly a 3D printed quadcopter using a neural headset.

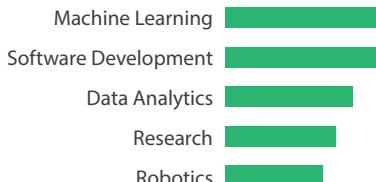
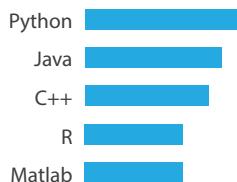
Role: Project leader. Coded an algorithm to decode neural signals and send commands to the quadcopter over Xbee.

Skills: Python, Xbee, 3D Printing, Robotics

Award: 3rd place at University of Illinois Engineering Open House 2015.

See all of my projects at ephibbs.github.io.

Top Skills



Hobbies



Piano



Running



Photography



Machine Learning



Puzzle Games

Contact



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ephibbs.github.io



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