

# EVAN PHIBBS

Student | Software Engineer | Data Scientist

Looking for an internship in software engineering for summer 2016.

## Education & Experience

### Computer Vision Lab Research Intern



Summer 2014

**Project:** Determine if a class of objects has been seen by a robot before. Wrote a program to recognize

**My Role:** objects in front of a camera using a convolutional neural network.

**Skills:** python, pycaffe, scikit-learn, and ROS.

### University of Illinois Urbana-Champaign



Fall 2014 - Fall 2017 (expected)

**Major:** Computer Science & Statistics  
**GPA:** 3.81

**Awards:** University Achievement, James Scholar

**Clubs:** Automata Robotics Club: Co-Founder, Treasurer

**Classes:** Algorithms & Data Structures  
Machine Learning  
Computer Architecture

### Machine Learning Research Intern



Spring 2015 - Spring 2016

**Project:** Improving an algorithm for automating scientific discovery of interesting data in large scientific datasets.

**My Role:** Extended the algorithm using nonlinear dimensionality reduction methods.

**Skills:** Matlab

## Top Skills

Python



C++



Linux/BASH



SQL/NoSQL



R



Java



Machine Learning



Other skills: MatLab, ROS, Photoshop, Illustrator, parallel processing, robotics, HTML5, CSS3, Javascript, Node.js

## Projects



### Backtesting & Paper Trading System

- Designed in python for Interactive Brokers.
- Wrote a script to get, clean, and store second forex data from IQ Feed into a MongoDB.
- Developing and testing models and trading strategies.



### Neural Prosthetics Project, Project leader

- Implemented a neural headset to raise a quadcopter using machine learning on neural signals.
- Awarded 3rd place in Interdisciplinary Collaboration at University of Illinois Engineering Open House 2015.

## Contact



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