**Rebecca D'Agostino**

rydagostino@gmail.com | 917-880-8179| https://github.com/rd16395p| https://www.linkedin.com/in/rebecca-dagostino/

**EDUCATION**

**Pace University, Seidenberg School of Computer Science and Information Systems New York, NY**

Master of Science (MS) in Computer Science | Concentration: Artificial Intelligence | **GPA**: 3.67 May 2019

**University of Vermont**  **Burlington, Vermont**

Bachelor of Science (B.S.) in Wildlife and Fisheries Biology | Concentration: Fisheries Biology | **GPA:** 3.0 May 2016

**TECHNICAL SKILLS**

**Languages**: Python, R, Matlab, Java, C, Bash

**Software and Tools**: Tensorflow, SciPy, Numpy, Pandas, Linux, Anaconda, Vsphere/VM Workstation

**Certificates:**  Scrum Master and Bloomberg Market Concepts

**ACADEMIC PROJECTS**

**Masters Thesis** August 2018 – Present

* Developing a deep convolutional neural network using Tensorflow with Python, for solving problems related to facial and emotional recognition.

**Research on Diabetic Retinopathy** January 2018 – December 2018

* Researching and developing an application of a deep convolutional neural networking using Tensorflow with Python to help detect diabetic retinopathy in medical images.

**Stock Trader** June 2018 – September 2018

* Designed and developed a stock trading application that uses a web scrapper to receive information about stocks online, and transfer the data through a custom built algorithm that sends a call to trade a stock through R language.

**Capstone** **Bachelor's Project** January 2016 – May 2016

* Created a statistical model of biological growth using R language with data found through published research related to the relationship of social, economic, and biological factors of the clown fish species.

**WORK EXPERIENCE**

**Pace University** New York, NY

**Graduate Assistant and Teachers Assistant** August 2017 – Present

* Designed and shaped curriculum for the first entry level undergraduate computer information systems course to shift from JavaScript to Python.
* Graded homework and created a homework grading algorithm to be used by other professors.
* Gave lectures related to Python, machine learning, and Raspberry Pi.
* Tutored students in Python, computer systems architecture, Java, and machine learning.

**Comenius University in Bratislava** Bratislava, Slovakia

**Data Scientist in Free Movers Program** August 2016 – May 2017

* Developed R code that be later used by others in the University for research in fisheries biology.
* Taught others how to develop and program in R language.

**University of Vermont** Burlington, Vermont

**Tutor at the Learning Co-Op** January 2014 – May 2016

* Tutored students in calculus and statistics.
* Helped students reach academic goals through coaching, tutoring, and follow up visits.

**Ladders for Leaders** New York, NY

**Data Science Engineer** July 2015 – August 2015

* Designed databases to be used to store data from various blogs used by New York Law School.
* Redesigned existing database in excel to accommodate new data being generated.