

Eddie Lam

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Project Proposal

Project: Developing Hebbian Learning-based algorithms for Active authentication utilizing user Behavior

Project Start Off: February 19, 2020

Project Meeting: This is my first time meeting with and talking to Professor Tzipora Halevi throughout my 4 years in Brooklyn College. After our first meeting discussing the project, we decided to meet every week to discuss my progress.

Project Description:

The goal of this project is to use a dataset provided by Touchalytics and create a program that will use KNN network algorithm and 5-fold testing method. The program will test a percentage of the dataset and the result will be average out. Then that will be compared with the results from Touchalytics to see how accurate our program is.

In this project, I will be learning about Python, Machine Learning, Tensorflow, and KNN networking. Since this will be my first time doing anything related to machine learning and coding with python, the project will start off slow.

Project Supervisor Signature
