# Personal Background

I have taken MATH488, MATH425, and CS450. I am very interested to be a machine learning engineer. I plan on working at least a little bit in the Foreign Exchange markets, but mostly I would like to work in any field that is implementing AI. My I-number is 315244982. My email is Drrobverjones@byui.edu.

# Project Proposal Background

The foreign exchange market is where the trading of currency from different countries happens. The different banks release news about the different currencies. I want to be able to take and read this news and be able to use it as an indicator on which direction the currency will go (up/down/sideways). I want to use NLP and other machine learning methods to accomplish this.

# Domain to Investigate

There are two domains that I will need to investigate. I will need to investigate the domain of the foreign exchange market. I will also need to investigate and learn how to implement an NLP model. I will need to investigate the meanings of terms within the news as well as other foreign exchange knowledge.

# Proposed Deliverables

* An NLP model that will be able to read 4X news events.
* A Model that will be able to take in information from the NLP model and give a basic prediction on direction (up/down/sideways).