# Course website

https://github.com/chrislarson1/GU-ANLY-580-FALL-2021.git

# What will you learn?

- Birds eye view:
    - How to represent written and spoken language in a useful way
    - How to frame language understanding as a tractable statistical inference problem
    - How to evaluate the performance of language and speech processing systems
    - NLP systems building experience

- Canopy view:
    - State-of-the-art language modeling methods
    - Common NLP tasks (e.g., NER, QA) and their relation to various technologies (e.g., chatbots)
    - A perspective of how NLP has evolved and where it's headed
    - You will learn to use powerful tools within the NLP ecosystem
        ‣ DL packages (e.g., Pytorch, Tensorflow, MXNet)
        ‣ The *transformers* library
        ‣ GPU computing