**CPSC 4610 Artificial Intelligence**

Type answers directly into this word docx.

Upload revised file to Canvas (EX0 submission)

1. **In your own words, define “Artificial Intelligence”**

* I unfortunately spent 15 minutes staring at my monitor not being able to give a **simple** answer this question. I fear that I might be a victim of the internet experts, companies that frequently miss use the word AI. It upsets me to see AI leaning more towards being a marketing tool aiming to attract customers and increase sales, rather than focusing on its potential to solve meaningful problems and improve lives.

**My definition:**

* AI is a technology that enables machines to think and perform tasks similarly to humans, though with some margin of error.

1. Major(s):

* Computer Science, BS.

1. Senior project 24-25 OR senior project start date, if required by major:

* FQ 25

1. Background
   1. your comfort level (none, minimal, moderate, **significant**) with PYTHON
   2. *if applicable,* when you last programmed in PYTHON
   * Over winter break. I re-did the Knapsack project from 4100 using the ACO heuristic. Last time I used R for data analysis, but switched to Python this time.
   1. data types/structures with which you most familiar, in any PL
   * Arrays/Lists, Stacks, Queues, Tree, Hash Maps
   * NOT A FAN OF:
     + Graphs (hard to visualize and debug)
     + RB Trees (simply put: torture) + Usually overkill
2. when you took OR when you plan to take OR if you do not plan to take
   1. Algorithms **TOOK FQ24**
   2. Machine Learning **WILL TAKE**: **SQ25**
3. any particular AI or AI-related topics interest you (okay if none stand out)

* Intelligent agents, how they learn from the environment
* AI ethics
* NLP, I worked on a project over summer, and I used the nltk library to handle the language processing. I want to create one from scratch.

1. **Preferred *Tuesday and/or Thursday* Zoom office hours with instructor**

* Anytime works.

1. **Preferred TA office hours** – *especially helpful for consultation on Python*

* Anytime T/Th

1. Anything that might impact your learning experience this quarter, e.g.

experience with Python

comfort with algorithms and/or data structures

another class immediately before or after this one

work schedule

senior project

etc.

– any information that may be helpful for Professor Dingle to know

* I doubt this would be an issue, but I have MWF practice from 7:30 AM to 10:30 AM and again from 1:00 PM to 3:00 PM. I’ve consulted with both of my advisors and mentioned that I would really like to take this class, as the topic aligns with my goals and could potentially help me pursue a job in the field.
* The timing of the class is a bit awkward and doesn't fit perfectly with my schedule, but there were no alternatives. I do not have class on T and Th, so that makes it easier in a sense.