Solomon Thang

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EDUCATION

Western Governors University   Millcreek, UT
M.S. in Computer Science   *Sept. 2023 – Current*

Canisius College   Buffalo, NY
B.S. in Computer Science   *Aug. 2019 – May 2023*

PROJECTS

Calendar App | *HTML, CSS, JavaScript, Flask (Python), MySql, MongoDB, Docker*   Aug 2022 - Nov 2022
- a web-based calendar app that provides an interactive calendar
- developed using Flask as backend and vanilla HTML and CSS as frontend
- MySql and MongoDB are used as databases to store and access the data
- can create, manage and see all of their calendar data across all devices, and all in one place
- simple and clean UI of the app allows users to organize and plan their days with ease

Sentiment Analyzer | *Python*   Jan 2022 - May 2022
- program is implemented using the '**Naive Bayes Algorithm**'
- is trained and tested using a subset of the Pang and Lee 2002 Sentiment Classification / Movie Review data, created by Ted Pedersen (tpederse@d.umn.edu)
- program yields **80.8% accuracy** based on the testing and training data.

Sentence Generator | *Python*   Jan 2022 - May 2022
- a sentence generator that is developed using the **n-gram models**
- program has three models that can be used to generate sentences: *uni-gram*, *bi-gram*, and *tri-gram*
- is trained using some text files(ebooks, etc...) and the program will generate sentences using those data
- quality of sentences that are generated will depend on the size and quality of the input data, and the n-gram model it is used

Simple Chat App | *Python*   Dec 2022
- a simple chat app that allows people to chat online - implemented using *websockets*
- html, css, js as frontend and Flask as backend
- features: public chat, private chat, chat history

TECHNICAL SKILLS

Languages: *Python, JavaScript, HTML, CSS, Java, C++*
Frameworks: *React, Node.js, Flask*
Developer Tools: *Git, Docker, JIRA, CircleCI, Figma*
Computer Systems: *Windows, Linux*