

# Solomon Thang

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## EDUCATION

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**Western Governors University**  
*M.S. in Computer Science*

Millcreek, UT  
*Sept. 2023 – Current*

**Canisius College**  
*B.S. in Computer Science*

Buffalo, NY  
*Aug. 2019 – May 2023*

## PROJECTS

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**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](mailto: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

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**Languages:** *Python, JavaScript, HTML, CSS, Java, C++*

**Frameworks:** *React, Node.js, Flask*

**Developer Tools:** *Git, Docker, JIRA, CircleCI, Figma*

**Computer Systems:** *Windows, Linux*

## CERTIFICATES

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- **CompTIA CySA+**
- **ISC2 CC**