JOSHUA LUANGASA

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Self-motivated individual striving for knowledge to be able to develop Interfaces that can interact in our society and further assist in human progression towards the future.

EDUCATION

Bachelor of Science, Computer Science   Expected May 2022
Data Science Focus | Cyber Security minor
University of Maryland/College Park, MD

Associates of Science, Business   Graduated May 2018
Montgomery Community College/Rockville, MD

TECHNOLOGIES

Java, Java Script, Node, Jovo, Ocaml, Python, Git, HTML, CSS

RELEVANT CLASSES

- **Object-Oriented Programming**   - **Data structures**   - **Computer Systems**
- **Algorithms**   - **Programming Languages**

EXPERIENCE AND PROJECTS

Covid_Count-*personal project* | Repository: https://github.com/Sengchanasa/Covid_Count
  - Created a voice application to count the number of days since the start of Covid-19 Pandemic.
  - Developed a voice application using node.js and jovo framework.
  - Designed a VUI (Voice User Interface) to map the conversation flow using a mind map.
  - Utilized Google dialog flow and actions on Google to create a voice interaction model.

Community_Support-*cooperative project* | Repository: https://github.com/Sengchanasa/Community_Support
  - An efficient and practical alternative by using a VUI as a means of ambient computing approach
  - Utilizes NLP, NLU, and machine learning to understand natural language.
  - Designed to connect users with various community groups
  - Informative voice application for the users to further expand their understandings of current event on social groups
  - Future progression to integrate a donation system that utilizes a mobile transaction in a secured space outside of voice applications

Bisonhacks-2021
  Developed the Community_Support Voice app to compete against a theme for Machine Learning/AI, Social Good, and Lifehacks.

PRO-Associate
  The Home Depot: Mar. 2015 – SEPT. 2020
Technician Assistant/Receptionist
  Cars Service Center: Mar. 2015-Sept. 2020

CLUBS AND SOCIETIES

Raptors Who Code-2019
  - Coding community that promoted programming languages across the student body.
Robotics-2019
  - Programmer and engineer students who get together to work on developing hardware projects.