JOSHUA LUANGASA

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Self-motivated individual, striving for knowledge to develop social applications 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

Languages: Java | Java Script | Node | Jovo | Comal | Python | Git | HTML | CSS

Software: IntelliJ | VS Code | Eclipse | Ubuntu | vim | nano | emacs

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PROJECTS

Community Support: Bison Hacks 2021 | Repository: https://github.com/Sengchanasa/Community_Support
   - Participated in a 24 hour hackathon along with 79 other participants.
   - Developed a voice bot to connect users with various community groups and spread awareness and resources of such organizations.
   - Designed a VUI(Voice User Interface) by creating a conversational flow diagram to map out the branching dialog paths.
   - Created the voice bot for Google Assistance using Node.js and the Jovo framework.
   - Trained the conversational model using DialogFlow.
   - Utilized session data to create context aware responses.

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.
   - Utilized the Jovo framework to create the voice application for Google Assistance and Amazon Alexa.

EXPERIENCES

PRO-Associate: The Home Depot | Mar. 2015 – Sept. 2020
   - Answer and respond to specified emails of managing contractor accounts while creating estimates and quotes.

Technician Assistant/Apprenticeship: Cars Service Center | Mar. 2015-Sept. 2020
   - Studied about repairs and car problems and assisting in car repairs, providing insight, and debugging problems when possible.

RELEVANT CLASSES

Object-Oriented Programming | Data Structures | Computer Systems | Algorithms | Programming Languages

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CLUBS AND SOCIETIES

Raptors Who Code: Montgomery College | 2019
  - Coding community that promoted programming languages across the student body.

Robotics: Montgomery College | 2019
  - Programmer and engineer students who get together to work on developing hardware projects.