

# 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.

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## 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

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## TECHNOLOGIES

**Languages:** Java | Java Script | Node | Jovo | Ocaml | 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](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](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.

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## EXPERIENCES

### **PRO-Associate:** The Home Depot | Mar. 2019 – 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.

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## 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

- Programming and engineering students who get together to work on developing hardware projects.