**“Buddy” Personal Job Search Assistant Project**

**Overview**

Buddy is a personal assistant built using python and a Rasberry PI. The main goal for this project is to build a personal assistant to help me with my job search. Some features I’m planning to incorporate is the ability for Buddy to log the jobs I have applied to and keep track of the progress I make towards my daily/weekly goals. This system will incorporate speech recognition via python and pyttsx3. This application will be ran locally via a raspberry pi with a microphone. For this project I could write a REST API and backend service but for the scope of this project I will most likely just use a text file to locally store the data. The assistant will listen for voice cues and respond appropriately based on the questions that is asked. I was inspired to begin this project when I was applying for jobs and got tired of writing down everything that I applied for and like any good engineer I decided to automate this process.

**Features**

* Listen for audio cues from the user.
* Log jobs applied for and log the company and date of application.
* Keep track of amount of jobs applied for daily/weekly
* Update you on how many jobs to apply for to meet the goals I set.
* Ability to dynamically update the goals

**Potential issues**

* Will the application be always listening?
* Will the local storage be adequate for the scope of the project?
* Determine audio output for raspberry pi
* How dormant will the application be when not in use.