**Setting Up Flask Development Environment**

* **This guide assumes you have Python 3.9 installed.**
* Initialize a new repo in a new directory.
* Add the remote origin for the repo: <https://github.com/geek-sources-inc/ResumeAnalyzer-Code>
* Here are the commands to do so, or do the equivalent of them in GitHub Desktop:
  + git init
  + git remote add origin [git@github.com:geek-sources-inc/ResumeAnalyzer-Code.git](mailto:git@github.com:geek-sources-inc/ResumeAnalyzer-Code.git)
  + git pull
  + git checkout webapp
  + git pull origin webapp
* You’re now on the latest version of webapp. I suggest pulling every time you begin work so that you have the latest versions of the other developer’s code for testing purposes. You can do this by simply running.
  + git pull origin webapp
* Cool! Next steps…
* Time to set up the python virtual environment.
* Run the following commands:
* **For the rest of this guide, if you’re using python3, run the command python3, otherwise, use the python command, the same goes for pip vs pip3, corresponding with your python version and which CLI you have installed.**
* **If using Git Bash, you can opt to create a Virtual Environment, follow the next commands, otherwise, you can skip this part if you don’t want a Virtual Environment:**
  + python -m venv env
  + or
  + python3 -m venv env
  + (Follow this template for the future commands when using python3/python.)
  + source env/bin/activate
* **Back to the commands everybody should run:**
  + pip install –upgrade pip
  + pip install flask
* Run pip list and compare it to the requirements.txt file that was pulled from the repo, they should be similar if not identical.
* After you’ve installed flask and downloaded the project files, you’ll want to navigate to the root of the project directory (where run.py is located)
* Run the following commands to setup your environmental variables, alternatively you could do the same from the environmental variables section of control panel as well if you’re not as comfortable with the command line
  + Using CMD:
    - SET FLASK\_APP=run.py
    - SET FLASK\_ENV=development
  + Using git bash/any UNIX terminal:
    - export FLASK\_APP=run.py
    - export FLASK\_ENV=development
* To run your app, run this command:
  + python -m flask run
* An extra step that can be done if using git bash/any UNIX terminal to make running your program easier:
  + alias flask=”python -m flask”
  + or
  + alias flask=”python3 -m flask”
  + dependent on which python CLI you have installed
* If you did the step above, you’ll be able to now run your program using:
  + flask run
* Congrats, you’re all set up!
* You’ll edit the app/templates/filename.html for whichever part of the project you’re working on.