

# Setup and Installation for Gmail Account Creation Automation Script

## 1. Python

- **Requirement:** The script is written in Python, so Python must be installed on your system.
- **Installation:** Download and install Python from the [official Python website](https://www.python.org/).
- **Verification:** Open a terminal or command prompt and run:

Terminal

```
python --version
```

This command should return the installed version of Python.

## 2. Required Python Packages

- **Selenium:** A powerful tool for controlling a web browser through Python.
- **Unidecode:** A Python package for converting text to ASCII by removing accents and other diacritical marks.

### Installation Command:

Terminal

```
pip install selenium unidecode
```

**Verification:** After installation, you can verify that the packages were installed correctly by running:

Terminal

```
pip show selenium unidecode
```

## 3. Google Chrome

- **Requirement:** The script uses Google Chrome for browser automation.
- **Installation:** Download and install Google Chrome from [here](https://www.google.com/chrome/).
- **Verification:** Launch Google Chrome and ensure it opens correctly.

## 4. ChromeDriver

- **Requirement:** ChromeDriver is needed for Selenium to interact with Google Chrome.
- **Download:** Download ChromeDriver from the ChromeDriver download page.
- **Installation:**
  - Extract the downloaded file.
  - Place `chromedriver.exe` (or equivalent) in a directory such as `C:\chromedriver` (Windows).
- **Adding to PATH** (Optional but recommended):
  - **Windows:**
    1. Move `chromedriver.exe` to `C:\chromedriver`.
    2. Add `C:\chromedriver` to your system's PATH by following these steps:
      - Right-click on "This PC" or "My Computer" and select "Properties".
      - Click on "Advanced system settings" > "Environment Variables".
      - Under "System variables", find `Path`, select it, and click "Edit".
      - Add `C:\chromedriver` to the list of paths.

## 5. Running the Script

### 1. Save the Script

- Save your Python script with a name like `gmail_signup.py`.

### 2. Open Terminal/Command Prompt

- Navigate to the directory where your script is saved:

Terminal

```
cd path/to/your/script
```

### 3. Execute the Script

- Run the script by executing:

Terminal

```
python gmail_signup.py
```

#### **4. Monitor the Execution**

- The script will automatically open a Chrome browser window and attempt to sign up for a Gmail account.
- Watch the terminal for output messages indicating success or failure.

#### **Conclusion**

By following the steps outlined in this report, you will have all the necessary tools and configurations in place to successfully run the Gmail account creation automation script. Please ensure that you use this script responsibly and in accordance with Google's terms of service.