1. Download Vs code community version <https://visualstudio.microsoft.com/vs/community/>
   1. Install
   2. select **desktop development with c++**
2. Download PyCharm https://www.jetbrains.com/pycharm/download
3. Download required libraries in PyCharm (File 🡪 settings 🡪 project 🡪 project interpreter) )
   * 1. Cmake
     2. Dlib
     3. Face-recognition
     4. Cvzone
     5. Pandas

**Troubleshooting**

* Face recognition not installed because **dlib** cannot be installed
  1. Downgrade python version to 3.7.6 <https://www.youtube.com/watch?v=XvsuwZFuiyA>
  2. Download as zip <https://github.com/sachadee/Dlib>
  3. Extract files into same folder as the project
  4. Run in terminal 🡪 **pip install dlib-19.22.99-cp37-cp37m-win\_amd64.whl**
  5. Install face-recogniton library

**References**

* Tutorial - <https://www.youtube.com/watch?v=iBomaK2ARyI&t=967s>
* **Dlib/ face-recognition** error - https://youtu.be/BkTFzjFKQQU