**Prerequisites for back-end development**

* Python ^3.7.0 - https://www.python.org
* IDE PyCharm Community version 2018.3 - https://www.jetbrains.com/pycharm/download/#section=mac
* Postman - https://www.getpostman.com

**Steps to setting up project on mac**

* Create project folder
* Open terminal window in Home directory
* Run to get latest version of pip: *python3 -m pip install --user --upgrade pip*
* Installing Virtual Enviornment: *python3 -m pip install --user virtualenv*
* Change to project directory: *cd ClubKit*
* Create virtual environment: *python3 -m virtualenv env*
* Activate environment: *source env/bin/activate*
* Install Django: *pip install Django*
* Install Django Rest: *pip install djangorestframework*
* Create project: *django-admin.py startproject clubkit .*
* Start app: *django-admin.py startapp api*

**Resources:**

<https://packaging.python.org/guides/installing-using-pip-and-virtualenv/>

**Setting up git:**

git clone <https://gitlab.computing.dcu.ie/boyleg8/2019-ca472-boyleg8.git>

git config --global user.name "boyleg8"

git config --global user.name

git config --global user.email “[gavin.boyle8@mail.dcu.ie](mailto:gavin.boyle8@mail.dcu.ie)”

git config --global user.email

git config --global –-list

pip3 freeze > requirements.txt **\*\*\*This will sort all dependencies for project into one file\*\*\***

**Resources:**

[**https://docs.gitlab.com/ee/gitlab-basics/start-using-git.html**](https://docs.gitlab.com/ee/gitlab-basics/start-using-git.html)

**https://www.jetbrains.com/help/pycharm/managing-dependencies.html**