



**POLITECNICO
DI TORINO**

Bioinformatics
a.y. 2019-2020

Introduction to python



Who I am



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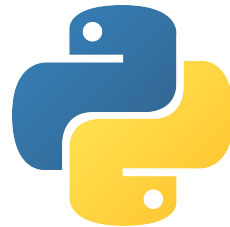
Bioinformatics
Heterogeneous computing



Environment setup

Python 3

The programming language used throughout the course will be Python, version 3.



PyCharm

PyCharm is a cross-platform IDE for Python programming. It provides useful and advanced features.

Conda

Conda is an open-source, package manager popular among Python data scientists.



TUTORIAL !

A detailed tutorials for setting up your environment will be available on the course web page. If you have trouble get in touch as soon as possible !



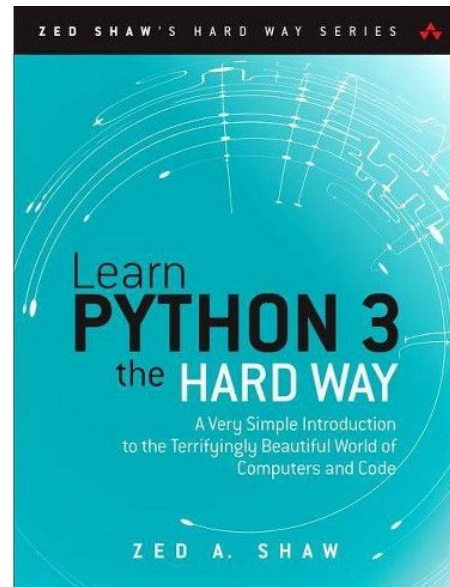
Python materials

Videolectures

- *Last years video-lectures*
 - *last year lectures 15-16 are about Python programming*
- *Any new video specific to this year*

Slides / Tutorials

- *Python slides and PDFs*
- *Environment setup guides*
- *Exercices*
- *F.A.Q. and answers*



Official Python 3 documentation !

<https://docs.python.org/3/>





Organization

On-Line

- *Study online materials on your own, starting from next week, online meetings will be schedule, for Q&A.*
- *If you have doubts, first have a look at official online Python 3 documentation. Then, add a question to the shared F.A.Q. document.*
- *We will put online an “official” Python course program, with a list of arguments you are expected to know and where you can study them.*

Classroom

- *Additional coding sessions with Python exercises solved by the lecturer.*
- *Additional “live” Q&A.*
- *Official Bioinformatics labs, where you will test what you learned.*

