Useful links for trainee

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1 Beginners

1.1 Advised soft

1. https://ohmyz.sh/ - To personalize your terminal

2. https://code.visualstudio.com/ - Some really efficient IDE

3. https://www.sublimetext.com - The good old text editor

4. https://atom.io/ - Atom, The easy to custom and rich text editor from github

1.2 For R&D/Backend developer working with dicom

1. http://insightsoftwareconsortium.github.io/SimpleITK-Notebooks/ To learn the basic of SITK, the most used tools here.

   Notebooks to read:

   - 00 Setup
   - 01 Image Basics
   - 02 Pythonic Image
   - 03 Image Details
   - 10 matplotlib's imshow
   - 20 Expand With Interpolators
   - 21 Transforms and Resampling
   - 22 Transforms
   - 300 Segmentation Overview

2. Tools for visualization are (clickable names) :

   MITK

   Slicer

   ITK

3. Learning everything about DICOM

4. Pydicom library, to manipulate dicoms

5. Reference when you are looking for DicomTags innolitics

6. Nice commands when working with dicoms:

    - dcmdump
    - dcmsend
    - dcmmodify
    - storescp

1.3 Vim

- https://www.openvim.com/ - Learning vim in an easy and short introduction

- https://www.tutorialspoint.com/vim/index.htm - Learning vim more completely

- https://medium.com/@huntie/10-essential-vim-plugins-for-2018-39957190b7a9 Friendly advice - Not subject to question

1.4 Docker

1. Docker

2. Docker Compose

1.5 Bash

- https://www.tutorialspoint.com/unix/index.htm

    1. Whole "Unix/Linux for beginners" Except "Basic Utilities" and "Communication". For "Vi" it depends on which editor you prefer vim/vim/emacs/nano
    2. "Unix / Linux shell programming", Please read at least the followings
        – "What is Shell"
        – "Using Variables"
        – "Special variables"
        – "Io Redirections"
        – "Shell functions"
        – "Manpage"
    3. "Unix / Linux Useful ressources" Please reads at least "Useful Commands"
    4. $https : //linuxhint.com/bash\_scripting\_tutorial\_beginners/\#b14$
    5. Ssh config To help when working with docker/machine remotely

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2 Questions

1. WIP

2. WIP

3 Advanced

1. https://www.tutorialspoint.com/unix/index.htm

   "Unix / Linux shell programming", Please read at least the followings

   - "Regular Expressions"
   - "Signal and traps"