

## About myself

*Field: Materials Science and Engineering Research area:  
corrosion of Ti alloys for implants No formal programming  
training*

# The enlightenment moments

- ▶ drawing thousands of lines in ppts: there must be a better way!  
Started learning Python
- ▶ the first THW seminar by Matt in March 2018

## My computational needs

*Plot x-y data Simple statistical analysis: mean, standard deviation ...*

# Objectives

*Create a workflow to analyse my synchrotron data, which is: reproducible ...*

# Tools

*Keep it simple! This presentation: done in Markdown,  
converted to pdf with Pandoc Emacs, git, github, Python*