BCMB Computational Bootcamp 2020

Introduction and Day 1

- Zoom Link (all days):
  - https://wse.zoom.us/j/95586993230?pwd=U2gzU0pvNnFtWTNibmNQS1haR245Zz09
  - OR https://tinyurl.com/bcmbboot2020
- Slack: https://slack.com/
  - Download the app and join the bcmbbootcamp2020.slack.com workgroup
  - Join Link: https://join.slack.com/t/bcmbbootcamp2020/shared_invite/zt-gkg3gh80-ei5bVScciSOAm9tvq4mG8A
- Sign up for GitHub Account
  - www.github.com
- Sign into bcmb.timplab.org JupyterHub by 9AM
  - We are providing as a cloud instance which you can access through your web browser.
  - Overview documentation: https://jupyterlab.readthedocs.io/en/stable/
  - Though we are running it on a computer we are managing in the cloud, you can run it on your own machine too! (https://www.anaconda.com/products/individual) allows you to install the tools we are using for much of the lab.

Day 1 Schedule

- 9:00-9:30
  - Welcome, Introductions, and Overview of Course Objectives and Mechanics

- 9:30-11:00 - Morning Session - Live Coding
  - Session 1.1 - Intro to *nix and the command line interface
  - Session 1.2 - Intro to Version Control with Git and GitHub

- 11:00-1:00
  - Lunch and Group Lunch Exercises

- 1:00-3:30 - Afternoon Session - Live Coding
  - Session 1.3 - Introduction to Python
  - Session 1.4 - Introduction to Biopython

- 3:30-4:00 - Q&A, Homework Assignment and Daily Wrap-up