LING 471: Computational Methods for Linguists

SIYU LIANG

Learning outcomes

- Locate important information in the syllabus
- Download and install Python
- Download and install VSCode

Syllabus tour

Syllabus

- Syllabus page: https://siyuliang.github.io/teaching/ling471/spr26/
  - Slides will be uploaded **before** each class

Additional course info

No pre-reqs!

- There is no expectation of prior knowledge about
  - Linguistics
  - Programming/computer science
  - Math, probability, and stats beyond high school
- Class is just a quantitative/symbolic reasoning course
  - Does not count as intro to programming for, e.g., a CS major
  - Class does not count toward the MS in comp ling

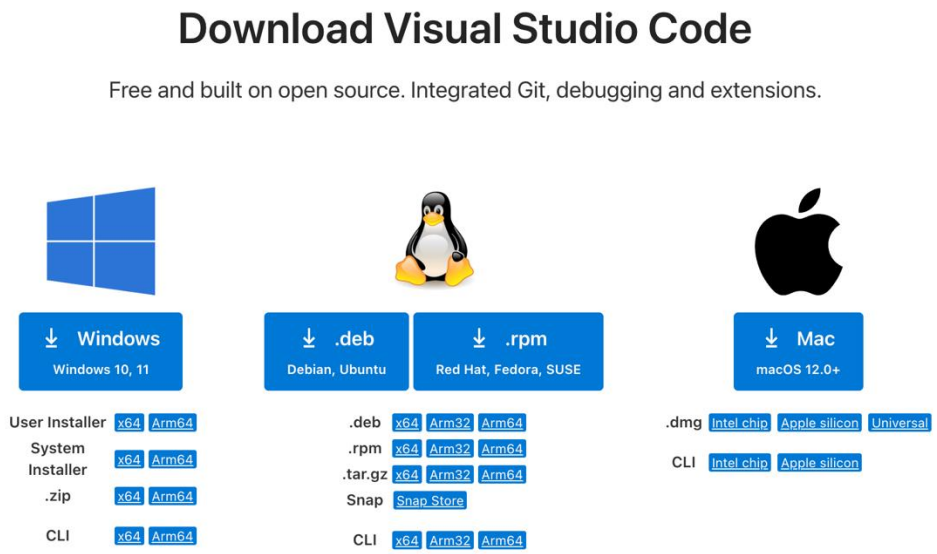
Some technical setup

Installing Python

- We will be using the Python programming language for this course
- If you are using Windows, you will need to download it from https://www.python.org/downloads/
  - Mac and Linux may need to update (or make sure some recent version of Python 3 is install)
- Go ahead and do this now

Installing Visual Studio Code (VSCode)

- We will be using VSCode to write Python code
  - https://code.visualstudio.com/download
  - VSCode is an IDE (interactive development environment)
- Go ahead and install now



Requesting an account on Patas

- Sometimes, it is better to use someone else's computer
  - Especially when running intensive programs
- We have our own remote cluster called "Patas" that you can use
- You will first need to request an account (part of your homework!)
- Request an account here:
  - https://cldb.ling.washington.edu/live/accountrequest-form.php

Requesting an account on Patas

UW NetID:	liangsy
Name: *	Siyu Liang
Email:	liangsy@u.washington.edu
Type *:	○ Ongoing - *Linguistics students & faculty, Computational Linguistics lab members, and collaborators*. ◉ Temporary - *all other students*.
Class *: If you selected "Temporary" above.	Ling 471
UW Affiliation *:	Student
Sponsor: (If you selected "Collaborator" as your affiliation.)	
Department *: If your department is not listed, choose "Not Listed" and enter it in the box below.	Linguistics
If you chose "Not Listed" above, enter your department name here:	
Degree Sought *:	Bachelors
Which labs will you be using?	☐ Computational Linguistics ☐ Phonetics ☐ Sociolinguistics
Account needed until (mm/dd/yyyy): * (CLMA students, use your expected graduation date.)	

Before next class

- Complete the class survey
  - https://forms.gle/R4WiPdt9KgBJkYYe8
- Upload your name pronunciation on Canvas -- Namecoach

Questions?