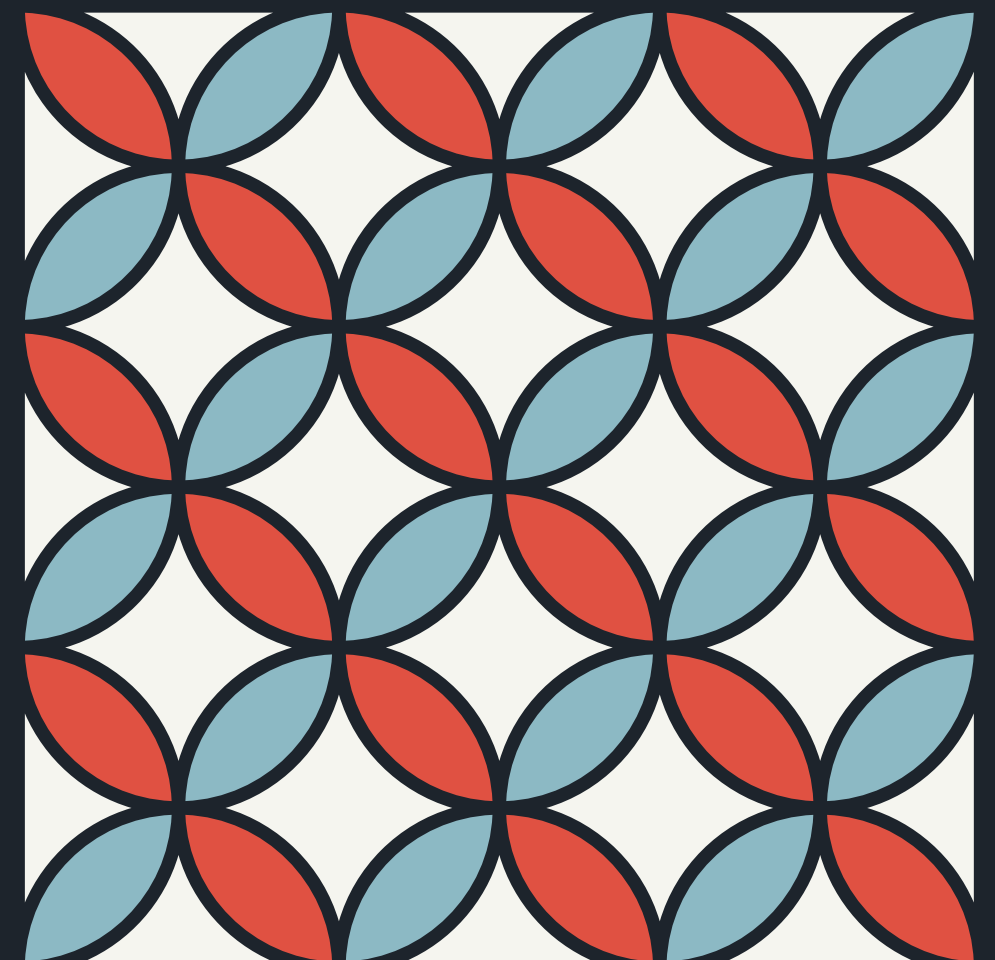
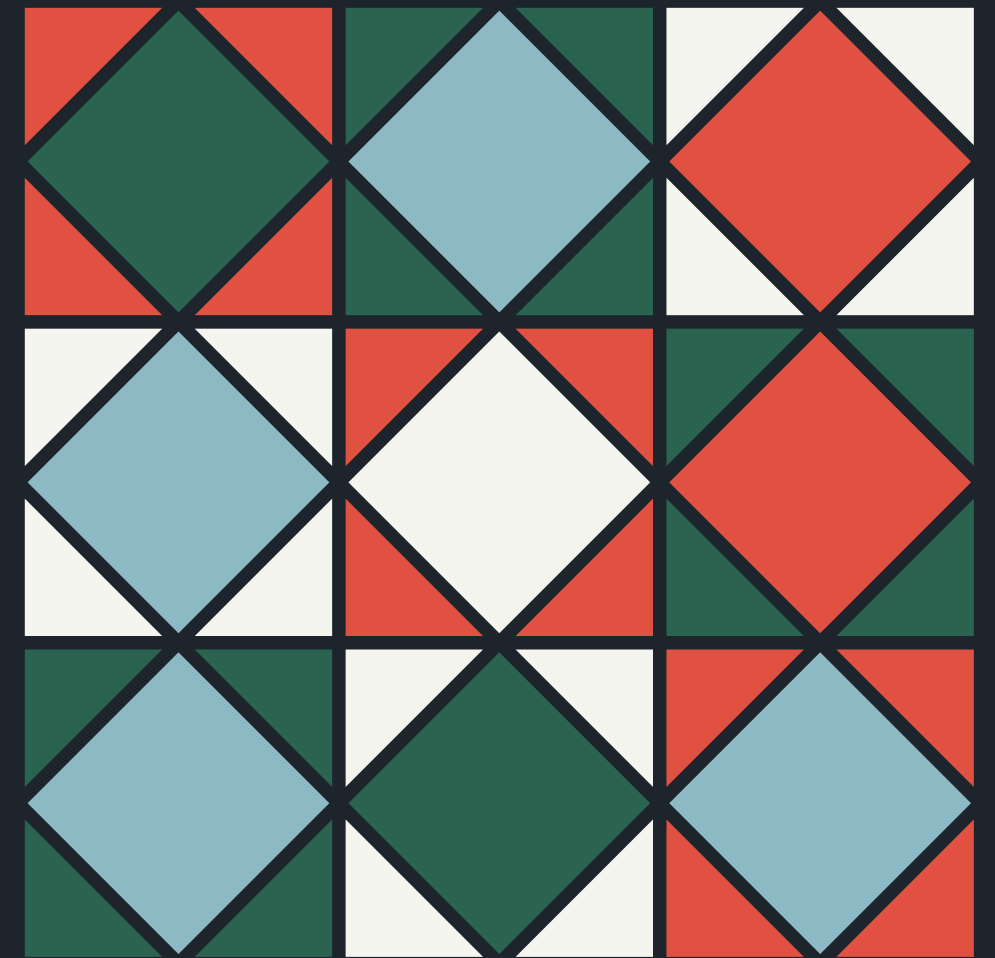
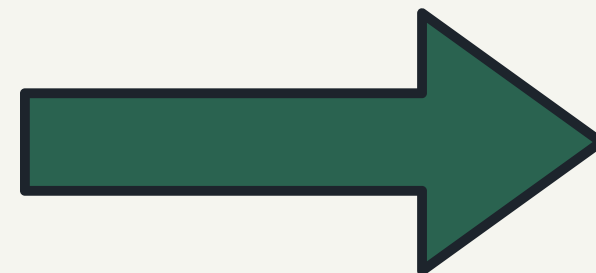




PISIKASANAYAN

INTRODUCTION TO PYTHON





WHY LEARN PYTHON?

01

Python is both very easy to learn and read, and powerful, making it a great introduction to programming

02

Python has minimal set-up, and you can work with it straight from your browser

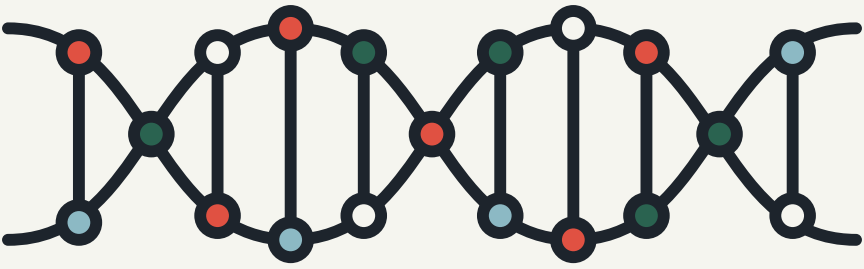
WHY LEARN PYTHON?

03

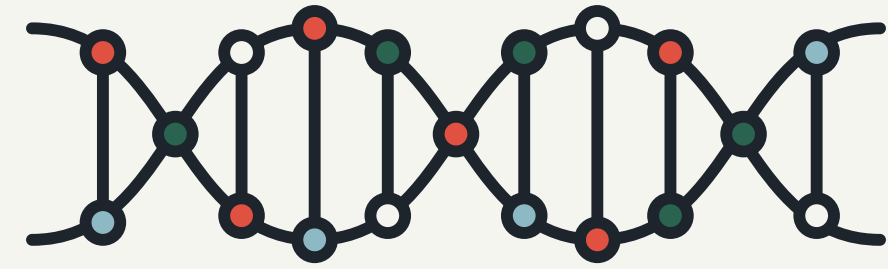
Python may run slower compared to other programming languages, but is still widely used by the industry because developers produce code faster with Python

04

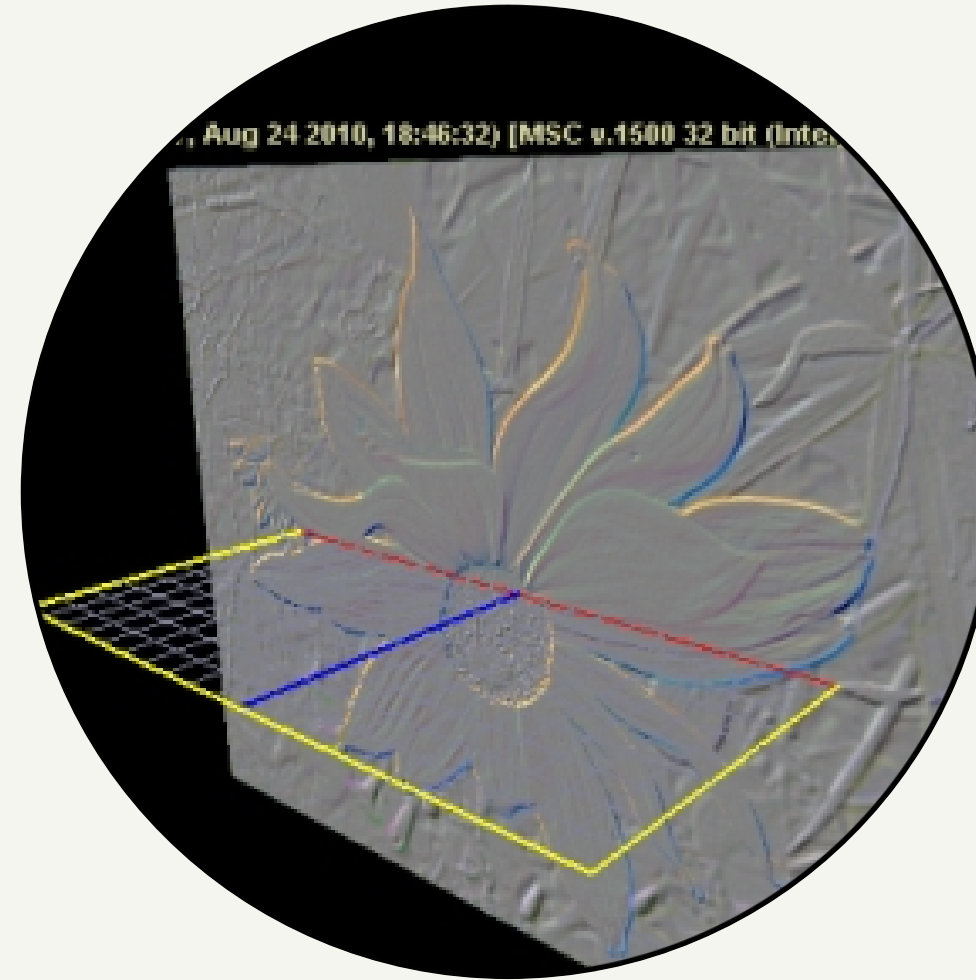
Python's active community produces libraries for a variety of applications, to get you started on different tasks for different subjects



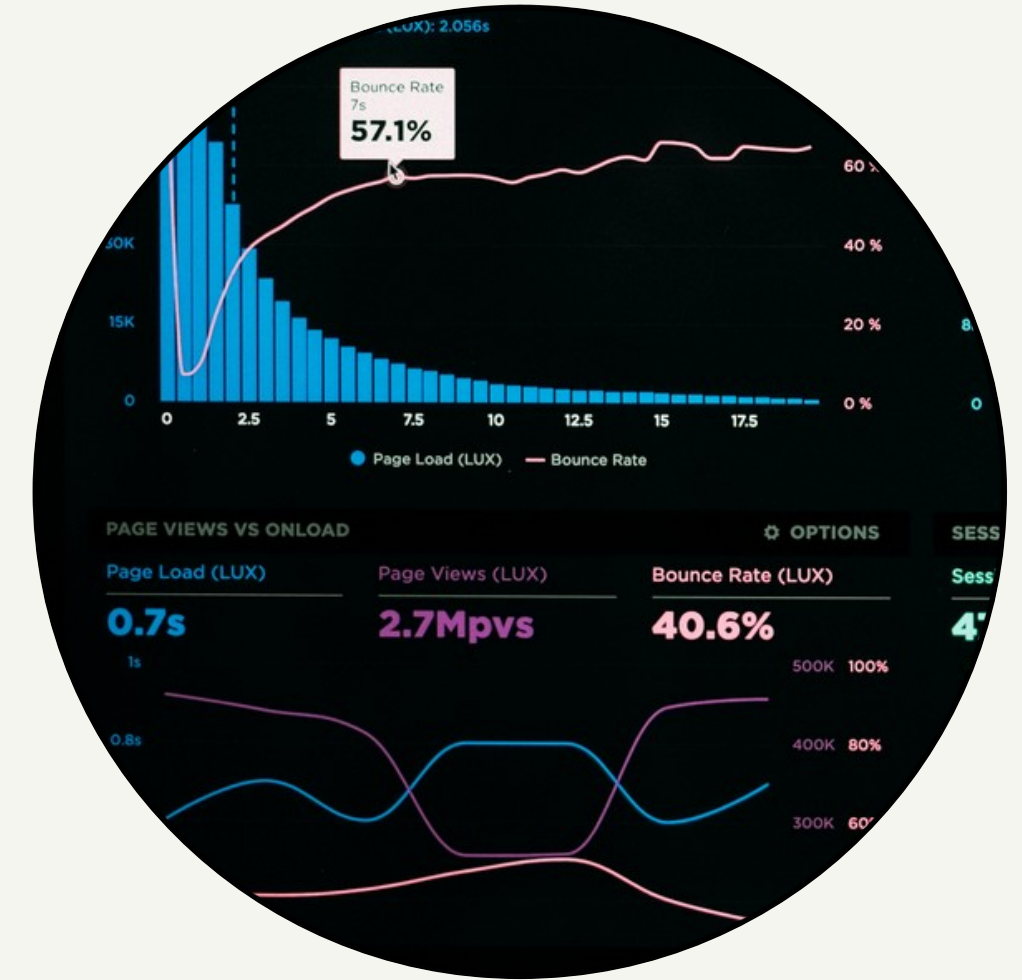
PYTHON LIBRARIES



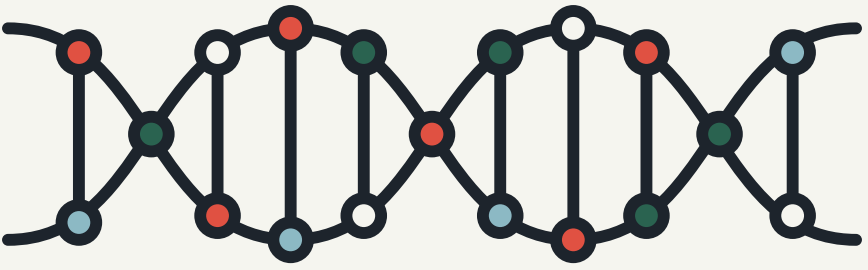
PYGAME



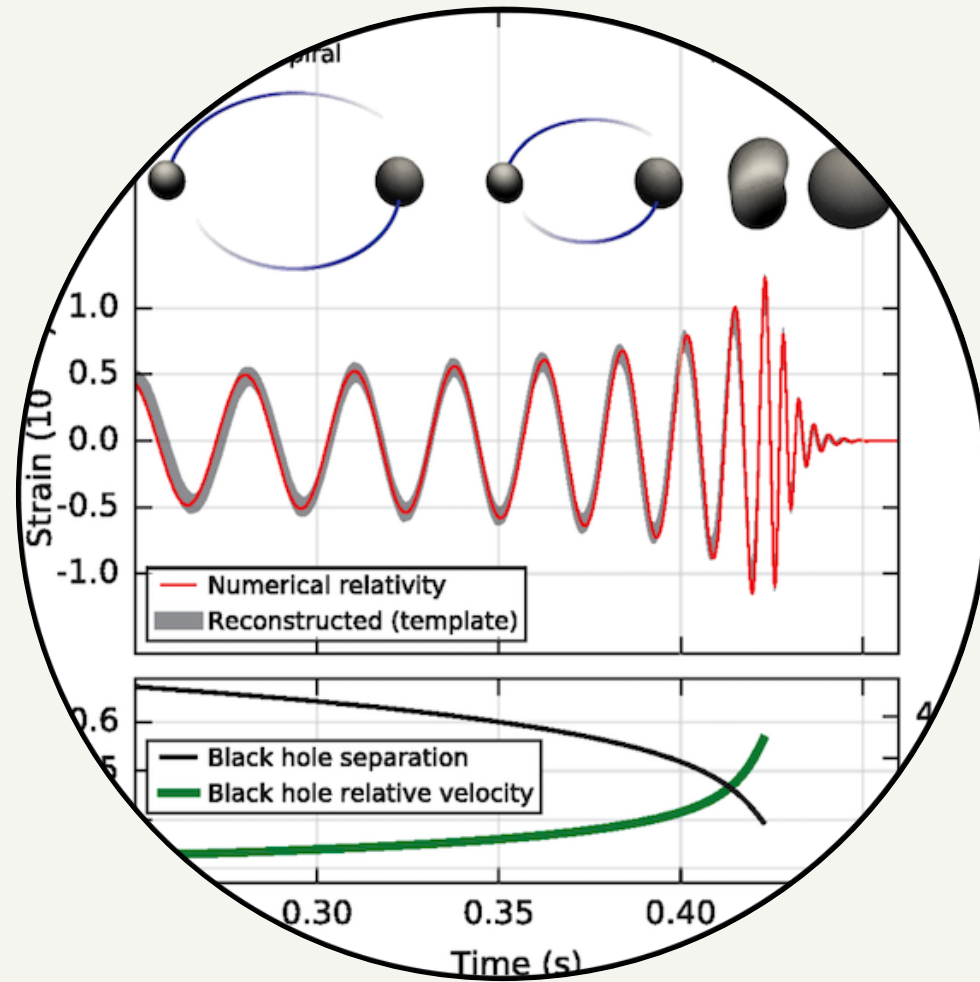
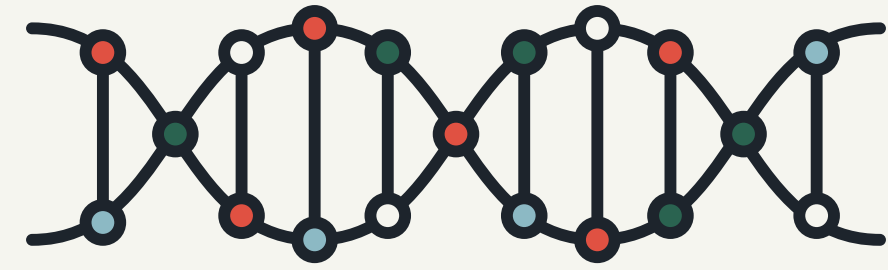
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LIBRARY



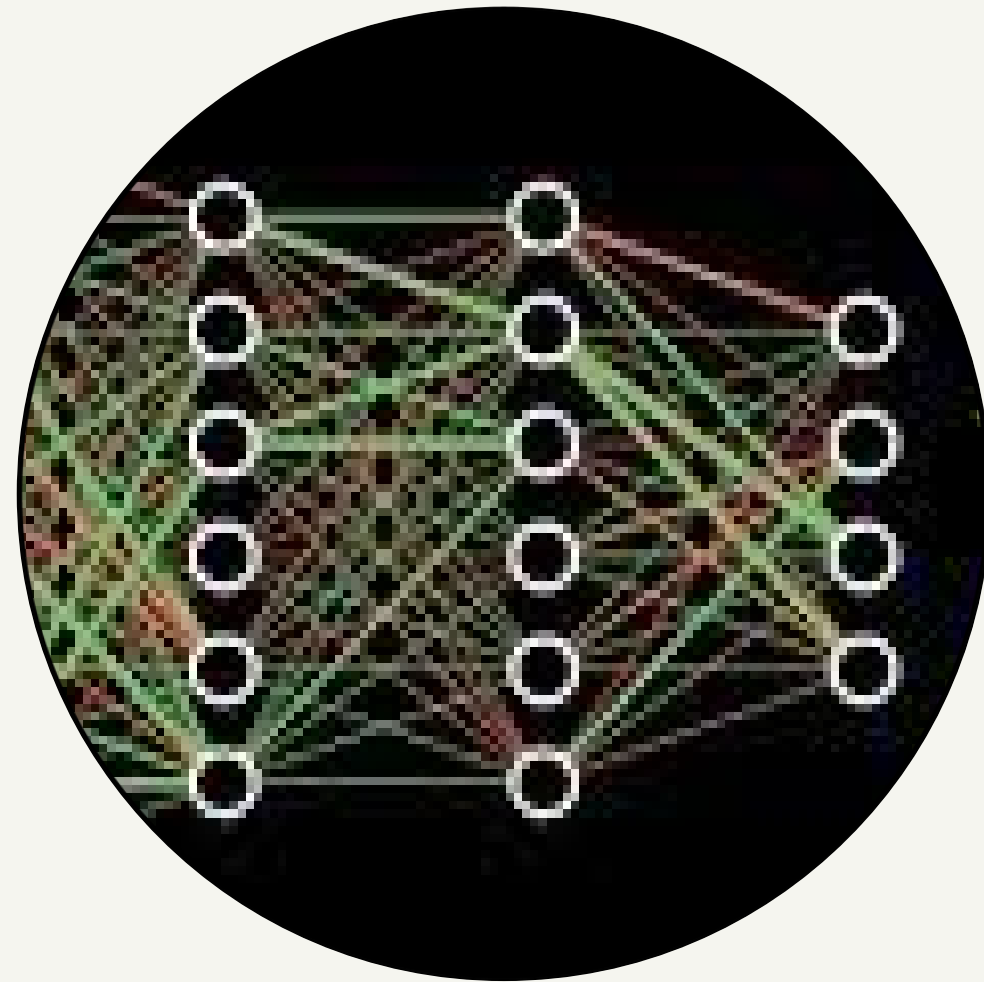
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DEVELOPMENT



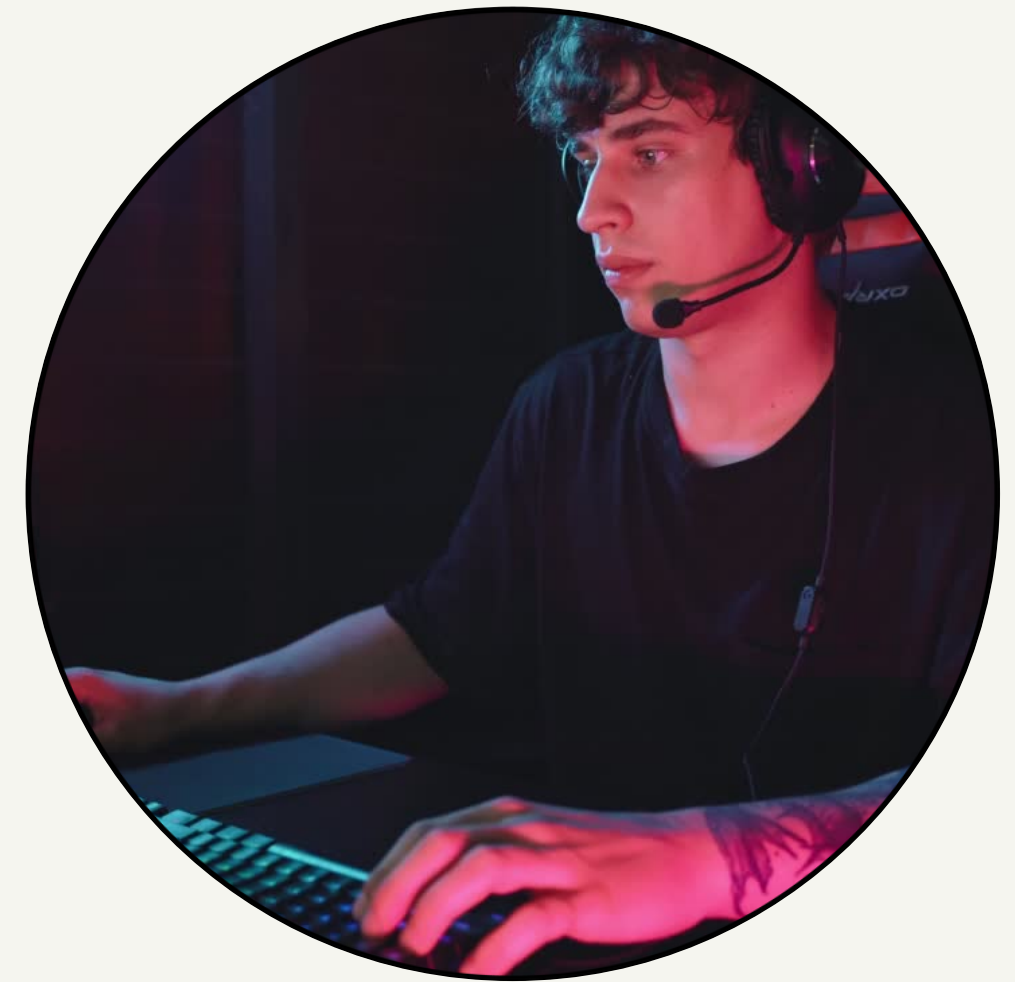
THESIS APPLICATIONS



**GRAVWAVE
DENOISING**



**MACHINE
LEARNING**



**NATURAL
LANGUAGE
PROCESSING**

PYTHON AUTOMATION



REGULAR EXPRESSIONS

You can use regular expressions to automate looking for specific patterns in text. Want to get all the important dates in a history textbook? Or get all the phone numbers in a PDF file? You can do it automate the search and use it all using Python.



ORGANIZING FILES

You can make copies of all your PDF files (just your PDF files) in every subfolder of a folder, you can rename all your DOCX files all at once, or compress the contents of files with a specific name into a ZIP file.



SCHEDULING TASKS

You can use Python to check every few minutes if your favorite show or web comic has released their next episode or issue, then send an e-mail or even text you everytime it does.



EDITING PDF FILES

You can put your own personal watermark on entire batches of images and PDFs using a few lines of code. This is especially useful for content creators and artists who constantly produce new things you wanna leave your mark on.

