

# These 7 Coding Skills Give You an UNFAIR Advantage

## Video

[https://youtu.be/bYYd\\_IIOb9k?si=G2rSXWjzwr4AwVvg](https://youtu.be/bYYd_IIOb9k?si=G2rSXWjzwr4AwVvg)

## Notes

- Being resourceful
  - Knowing how to find the solution to any problem (checking Stack Overflow, reading documentation, etc)
  - Go out of your way to find solutions
  - Use the resources available to you
  - Use AI, such as ChatGPT
- Version control
  - A deep understanding of how git works
  - Not just the basics
  - Learning merge, rebase, branches, etc
- Data structures & code efficiency
  - Creative and clever ways to access and manipulate data
- Scripting and automation
  - Writing scripts that can automate a quick task and save developers time
  - Reduce the need for manual, repetitive work

- Python can be used for these scripts
- Asynchronous programming
  - Large systems will be making many different asynchronous calls
  - How to synchronise the calls
  - Error handling
  - Timeouts
- CI & CD
  - How to run automated test cases
  - How to use GitHub actions
  - How to do a simple automatic deployment
- Clear & Concise communication
  - Learn how to write precisely and accurately will make you stand out
  - Avoid having to keep going back and forth due to misunderstanding
  - Be intentional and clear
  - Will speed up your workflow