

# My CompSci lol Path

## APT 2 (Remote/Middle.py)

```
def shorten(name):
    """
    Return the name with the middle name(s) removed.
    Name has at least one word.
    """
    lst = name
    x = lst.split()
    if len(x) == 1:
        return x[0]
    return x[0] + " " + x[-1]
```



\* This was one of the first APT's I fully understood on my own without my tutor and felt doing actually click

## Assignment 1 (Faces)

### Build A Face:

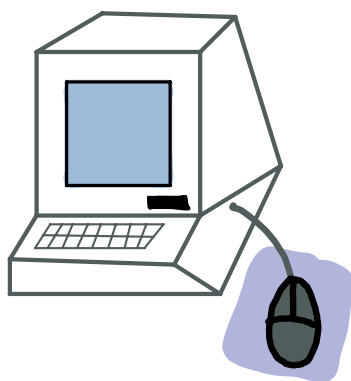
- 1) Part\_hair\_mohawk
- 2) Part\_eyes\_big
- 3) Part\_nose\_Small
- 4) Part\_mouth\_Smile
- 5) Part\_chin\_dimple



\* This assignment allowed me to understand how blocks of codes worked along with how functions checked out come together to work together to make faces

**J** is for...  
 Julia Burnell

- JSON
- JPEG
- Jacquard Loom



## What I learned

- How to Code to Solve problems
  - USING for loops
  - IF statements
  - Dictionaries
  - While loops
- How to use the 5 steps for Problem Solving
- Still in the process of learning to think in code

\* This APT taught me the importance of helper functions



## APT 5 (Badges.py)

```
def findLabel(labels, deeds, needs):
    """
    Returns string based on parameters labels
    a list of strings, deeds a list of strings,
    and needs a list of strings
    """
    def all_in(needs, deeds):
        """
        helper function
        """
        for need in needs:
            if need not in deeds:
                return False
        return True

    for label, need in zip(labels, needs):
        if all_in(need.split(), deeds):
            return label
    return ("nobadge")
```