

# Welcome to your 310 Portfolio

A progression of learning for CSC/DSP 310: Programming for Data Science at University of Rhode Island.

## About Me

## Data Science, to me

## Grading in this class

```
def compute_grade(num_level1,num_level2,num_level3):
    """
    Computes a grade for CSC/DSP310 from numbers of achievements at each level

    Parameters:
    -----
    num_level1 : int
        number of level 1 achievements earned
    num_level2 : int
        number of level 2 achievements earned
    num_level3 : int
        number of level 3 achievements earned

    Returns:
    -----
    letter_grade : string
        letter grade with modifier (+/-)
    """
    if num_level1 == 15:
        if num_level2 == 15:
            if num_level3 == 15:
                grade = 'A'
            elif num_level3 >= 10:
                grade = 'A-'
            elif num_level3 >= 5:
                grade = 'B+'
            else:
                grade = 'B'
        elif num_level2 >= 10:
            grade = 'B-'
        elif num_level2 >= 5:
            grade = 'C+'
        else:
            grade = 'C'
    elif num_level1 >= 10:
        grade = 'C-'
    elif num_level1 >= 5:
        grade = 'D+'
    elif num_level1 >= 3:
        grade = 'D'
    else:
        grade = 'F'

    return grade
```

```
compute_grade(15,15,15)
```

```
'A'
```

```
compute_grade(14,14,14)
```

```
'C-'
```

```
assert compute_grade(14,14,14) == 'C-'
```

```
assert compute_grade(15,15,15) == 'A'
```

```
assert compute_grade(15,15,11) == 'A-'
```

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By Sarah Brown  
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