CS3080

Task 2

Devon White - Role: create\_sheet function, count\_totals function. Finalized the report for submission.

Nick Sylvester - find\_contributors function, main function, and create\_sheet function. Started the creation of the report.

## Introduction

This program will scrape three websites, <https://openaccess.thecvf.com/CVPR2022?day=all>, <https://openaccess.thecvf.com/CVPR2023?day=all>, and <https://openaccess.thecvf.com/CVPR2024?day=all>, and obtain the top three contributors (authors or researchers) in a conference for the last three years. (2022, 2023, and 2024). The results will be saved into an Excel spreadsheet that shows how many times each author contributed to a paper separated by the year.

## Function Prototypes

| **Function Prototype** | **Description** |
| --- | --- |
| main | Main Function |
| find\_contributors | Returns a dictionary with each contributor from a given year and how many times they contributed. This function will take a link to the list of contributors in its prospective year. |
| count\_totals | Counts the total contributions from each contributor by iterating through each dictionary and returns a list of tuples holding the totals for each |
| create\_sheet | Creates the excel sheet of the top 3 contributors. |
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## Program Snapshots

