

Sam Rosenberg

Coding Languages:

- Python - Advanced Topics (post-AP) in Computer Science Course
 - Flask
- Java - AP Computer Science and Data Structures (CS201)
- Swift - Some work in Advanced Topics in Computer Science
- R - AP Statistics and Applied Regression Analysis (Math245)

Projects Included:

- The wiki-Races project, where the code scrapes Wikipedia and charts the shortest path between two different pages. This is called primus.py in the GitHub.
- Homeworks 3 and 6 from my current CS201 Data Structures class. Both have specification HTML files that describe the project. The former parse info and displays a graph, the latter use Stacks to solve a maze. These are mostly just to show that I have had experience with data structures in CS.
- The Stats Final Paper is the best display of what I think I am good at. It involves statistical analysis using R of data on video game sales recorded from the website Kaggle. Information was added to the dataset to fill null values by way of a web scraper, attached as an appendix.
- Secondus.py is another project from AT CS. This wasn't the most academic, but it scraped all the results from a website for an E-sports league and found the elo of each of the teams competing. It then graphed that information using the python package pygal.