

Henry Wright

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Education

Montana State University (Junior)

- Expected Graduation: Spring '23
- Computer Science Major, Data Science Minor
- GPA: 3.74
- MUS Honor Scholarship recipient (4 year tuition waiver)

Skills

- **Languages:** Java, Python, C, C++, HTML, R

References

Available upon request

Projects

Web Archiver (Java)

- Simple web archiver that downloads the content of a given URL
- Uses SHA-1 function to store archived websites under unique file names

Battle Bit (C)

- Recreation of the 'Battleship' board game using bit manipulation

Basketball PPG Comparison (Python)

- Given two NBA players, compares their career points per game (PPG) and quizzes the user as to who has averaged more
- Scrapes data from bballreference.com

Peg Solitaire (Python)

- Recreation of the 'Peg Solitaire' board game in Python
- Custom pegboard dimensions based on user input

Maze Solver (Java)

- Reads in a text-based maze and solves it, printing each step along the way.

Kit Stats (Python)

- Given a list of 'Blitz Survival Games' players, calculates overall stats of each kit
- Pulls data from Hypixel API then writes results to spreadsheet via Workbook