Jonathon Steeves

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GitHub | LinkedIn

Education

Bachelor of Computer Science, Honors, Minor in Economics
Carleton University, Ottawa, Ontario
Third year standing
CGPA 8.88/12 (**B**)

Skills

Programming Languages: Python, C/C++, Java, JavaScript, HTML, CSS, Git, SQL

Data Science and Machine Learning: Python (Scikit-Learn, NumPy, Pandas, Matplotlib, Seaborn)

Software Development: Algorithms and Data structures, Object Oriented Programming, Web Development, Systems Programming, ETL-Development, Data Processing, General Scripting

Work Experience

Data Analyst, Shared Services Canada:
(Ongoing)
- Currently Working within the Enterprise Data Integration Division, contributing to the federal government's IT infrastructure through technical development of the operational data store.
- Designed and developed a solution to automate the ingestion of newly added file sources into the data warehousing system, helping streamline the creation of further ETL pipelines.
- Collaborate with coworkers daily to build robust solutions for non-trivial tasks to create lasting software.

Gardener, Helping Hands Gardening Service
(Summer 2019, Summer 2020)
- Followed a routine landscaping schedule to boost plant health and keep garden beds neat and well-groomed.

Projects

Programmed a pathfinding algorithm visualizer tool with a UI.
- Used popular python libraries such as Pygame and Tkinter to create a user interface.
- Practiced implementing different node-based search algorithms by creating individual classes for each element of the program.
- Leaned prominent search algorithms such as Depth First Search, Breadth First Search and A*.

Created a report generator using stored OECD graduate data.
- Developed the program using the C programming language in a Linux environment.
- Practiced storing and manipulating compound data types using data structures, including a sorted linked list, while following the principles of correct software design and development.

Cu-Hacking 2021: Snowed in Hackathon.
- Designed and built a fan engagement web-app demo for the Ross Video Challenge.
- Collaborated with a teammate to delegate project responsibilities between our suited skills sets to ensure a product could be created and submitted in a timely manner.
- Learned popular web development tools to deploy and manage the web-app.