Darnell Foster

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https://github.com/darnell-foster

EDUCATION

Carleton University   **Ottawa, ON**
Bachelor of Computer Science (co-op)   **Sep 2021 - Present**

AREA OF STRENGTH

Languages:	Java, Python, HTML/CSS,C/C++, JavaScript
Tools:	Git, MS office, Outlook, Teams, Jupyter, Unity, Docker, Node.js, VirtualBox hypervisor
Soft Skills:	Remote work, initiative, responsibility, communication, adaptability, ability to meet deadlines under pressure, ability to work independently and in team environments, time management
Hard Skills	Git version control, networking fundamentals

PROJECTS

Web Scraper (Oct. 2022)
- uses the JSoup library to parse and scrape HTML of job listings from LinkedIn
- prompts the user to enter a location and keywords for their job search, and replaces spaces and commas in the user input with their corresponding hexadecimal ASCII values
- uses the user input to construct a URL and sends a HTTP request
- Prints the title and jobs of the first page of the returned search
- Utilized Docker to containerize the application and ensure consistency in development and production environments.

PyCalculator (Sept. 2022)
- simple calculator program written using the Tkinter library for creating graphical user interfaces.

File Server Project (Jul. 2022)
- Implemented and maintained a TrueNas file server, including repairing and refurbishing computer equipment
- Utilized old hard drives to create storage pools through disk mirroring and striping techniques
- Selected and configured optimal RAID hard drive setup for desired server operation and performance.

Class Assignments (2019 - Present)
- Completed various course assignments in languages including Python, Java, and C
- Acquired proficiency in Linux operating system
- Developed strong documentation skills

EXPERIENCE

Hackathon - (Oct. 2021)
- Worked with team to code a data visualization platform using Python (matplotlib), HTML/CSS
- Used planner board to track project milestones and progress
- Attended seminar on intro to hacking
- Participated in live coding (timed) Data Science and AI challenges
- Attended workshops (intro to network tunnels, GraphQL, AI)

Vision Tax Services (2020)
- Performed regular systems upkeep to ensure smooth operation and data integrity
- Assisted with the organization and management of company's data.