Noah Stevens

stevenscnoah@gmail.com (873) 288-0833 [Linkedin](#) [Github](#)

SUMMARY

Motivated and detail-oriented Software Engineering student with hands-on experience in data analysis, **Python** development, and **Agile** team environments through a co-op at Statistics Canada. Skilled in **writing and debugging efficient code**, collaborating across diverse projects, and clearly communicating technical ideas. Eager to apply technical knowledge and teamwork skills in a dynamic co-op position that values curiosity, adaptability, and continuous learning.

RELEVANT EXPERIENCE

Co-op Student

Statistics Canada - Data Integration Infrastructure Division, Ottawa   January 2025 - April 2025

·Built and optimized **Python**-based tools using **Pandas**, **Polars**, and **FastAPI** to streamline address refinement processes for the Canadian Census.

·Used **Git**, **GitHub**, and **GitLab** to manage version control across multiple repositories and collaborate efficiently with team members.

·Developed and tested code within **Jupyter Notebooks**, contributing to both exploratory data analysis and production-ready pipelines.

·Participated in **Agile** workflows, including sprint planning, daily stand-ups, and retrospectives, across a diverse set of internal projects.

·Delivered technical presentations and progress updates in team meetings, communicating complex data workflows clearly to both technical and non-technical audiences.

PROJECTS

WanParser

Statistics Canada - Data Integration Infrastructure Division, Ottawa

·Supported development and stability of an address parsing tool used to preprocess and filter input data for census address refinement workflows.

·Wrote targeted test suites using **pytest** and **unittest** to validate parsing strategies and improve long-term maintainability.

·Debugged and refined existing logic to improve parser's accuracy across a variety of edge cases and input formats.

·Collaborated with the *Wanflow* team to ensure seamless integration of *WanParser* as a plugin in broader pipeline workflows.

Wanpc

Statistics Canada - Data Integration Infrastructure Division, Ottawa

·Developed and debugged a command-line tool for generating **Python** packages with customizable defaults at global, package, and template levels.

·Created a documentation system that automatically generates web-hosted docs based on user input and metadata, using templating and Markdown rendering.

·Contributed to core logic for installation, configuration, and CLI-based customization; resolved bugs and tested edge cases across multiple workflows.

·Delivered progress demos and technical overviews to internal development teams, incorporating feedback into future iterations.

WanFlow

Statistics Canada - Data Integration Infrastructure Division, Ottawa

·Helped build the core logic of a modular pipeline framework used to streamline address refinement workflows for the Canadian Census.

·Designed and implemented a **plugin system**, integrating components such as *WanParser*, *Polars*, *PointInPolygon*, and *SASRunner*.

·Wrote comprehensive test suites using **pytest** and **unittest** to validate core functionality and plugin interoperability.

·Collaborated with senior developers and led development on key features; delivered demos and technical demonstrations to stakeholders and internal teams.

Chess
Personal
·Built a two-player interactive chess game using **Python** with a graphical interface for real-time play and move validation.
·Implemented core game logic, rules enforcement, and simple user input handling from scratch.
·Used **Git** and **GitHub** for version control and project organization.

EDUCATION

Bachelor of Applied Science Software Engineering COOP Program
University of Ottawa · Ottawa, Ontario · 2027
·Dean's List, Fall 2024
·Admission Scholarship recipient, awarded for academic excellence

SKILLS

·**Languages:** English – Fluent, French – Intermediate (DELF B1).
·**Programming Languages:** Python, Java, HTML
·**Tools & Platforms:** VSCode, SAS, Linux & Windows Environments, Jupyter, PowerPoint, Google Docs
·**Version Control:** Git, Github, Gitlabs
·**Interpersonal:** Collaboration, Communication, Presentation
·**General Skills:** Time management, Reliability, Problem Solving

RETAIL EXPERIENCE

Host
Montana's, Ottawa   April 2023 – October 2023
·Greeted and seated guests, managed dining room flow, and coordinated table assignments to optimize service efficiency.
·Delivered food and beverages, bussed tables, and maintained cleanliness of high-traffic areas, including restrooms.
·Assisted with takeout and delivery orders (e.g. UberEats), ensuring accurate packing and timely handoff.
·Provided responsive and friendly service by anticipating guest needs and resolving issues promptly.

Cashier
Sobey's, Ottawa   May 2022 – December 2022
·Provided friendly, efficient service by managing cash register operations, monitoring self-checkout stations, and assisting customers.
·Maintained store readiness by restocking shelves, cleaning high-traffic areas, and ensuring cleanliness in washrooms.
·Supported transition to new loyalty program (Scene+) by promoting enrollment and assisting customers with account setup.
·Retrieved carts and handled product returns while balancing front-end priorities in a fast-paced environment.

REFERENCES

Jean Philipe Wan, Direct Supervisor
Statistics Canada – Data Integration Infrastructure Division, Ottawa
wanfookchuen@gmail.com