



Bradley-Hans Desmornes

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EDUCATION

B.Sc.A in Software Engineering – University of Ottawa, Ottawa, ON (Expected Graduation: 2028)

Relevant Courses: Introduction to Computing I & II, Digital Systems, Data Structures & Algorithms

PROJECTS

Narc Recon (NR) – Inventory System | Python, SQLite3, Pandas, Excel, Tkinter, Git/GitHub

Deployed at **Guardian Pharmacy (Hawkesbury)**, this real-world application manages narcotic inventory with real-time updates and built-in audit logging.

- **Built a complete inventory management system** using Python and SQLite, replacing paper-based logs and manual Excel tracking
- **Designed the app architecture**, developed a Tkinter-based GUI, and implemented a backend for accurate, secure stock updates
- **Integrated audit logs** to record every add/update/delete operation for compliance and traceability
- **Automated workflows**, reducing human error and improving efficiency for pharmacy staff
- Result: **Streamlined reconciliation process**, improved tracking accuracy, and saved hours per week in staff time

FoodFrame – Promotional Website | HTML, CSS, JavaScript, Git/GitHub

Collaborated with 4 peers to build a responsive website for a Software Engineering project.

- **Designed** navigation bar and footer; **ensured** cross-device responsiveness.
- Quickly learned Git and **trained** team members, enabling effective version control via branching.

WORK EXPERIENCE

uOttawa Engineering Outreach – Co-op Instructor

Ottawa, ON | Jan 2025 – Apr 2025

- Delivered over 300+ engaging STEM workshops across 50+ Ontario schools, reaching over 7,000 students
- Developed strong public speaking, time management, and critical thinking by adapting to diverse classrooms and coordinating daily travel logistics

Pharmacy Assistant

Shoppers Drug Mart & Guardian Pharmacy | Jul 2021 – Present

Ottawa & Hawkesbury, ON

- Over 4 years of experience handling sensitive patient data and solving insurance adjudication issues
- Built strong communication, attention to detail, and multitasking skills in fast-paced healthcare settings
- Trained numerous new employees over the years

TECHNICAL SKILLS

Languages & Tools: Python (Pandas, Tkinter), Java, HTML/CSS, Bootstrap, Git, Gradle, Command Line, Microsoft Office, Android Studio, 3D modeling

Operating Systems: Windows, macOS, Linux

Languages Spoken: English (Bright Certified), French, Haitian Creole

Additional Skills: Eagerness to learn, excellent communication skills, critical thinking skills, security clearance