Harry Allen

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EDUCATION

Sheridan College   **Oakville, ON**
Honours Bachelor of Computer Science | Minor in Cloud Computing and Automation   *Expected Graduation, April 2027*
- **International Scholarship**
- **Related Coursework:** Project Management, Data Structures and Algorithms, Data Analytics, Operating Systems, Statistics, Cloud Architecture

University of Waterloo   **Waterloo, ON**
Artificial Intelligence & Applied Machine Learning   *November 2025 - February 2026*
- **Related Coursework:** Machine Learning, Neural Networks, Computer Vision, Natural Language Processing, Time-Series Forecasting, Robotics, AI Development Lifecycle, AI Ethics & Governance

EXPERIENCE

Government of Ontario   **Toronto, ON**
Software QA Analyst Intern   *May 2025 – April 2026*
- Analyzed complex system behaviour and high-volume datasets across the OACIS platform to validate workflows, strengthen reporting accuracy, and ensure alignment with evolving business and technical requirements.
- Produced clear, structured documentation including issue logs, requirement summaries, and governance-ready records regularly referenced by project managers and senior leadership.
- Translated technical findings into accessible insights for cross-functional teams, improving decision-making and reducing ambiguity during requirement discussions.

Career Education Council   **Guelph, ON**
Coding Instructor iOS Dev (Part-Time)   *June 2025 – Present*
- Deliver beginner-friendly lessons in Swift and app development to high-school students, simplifying technical concepts into accessible steps.
- Prepare structured lesson flows, workshop materials, and session documentation for program partners.
- Build strong communication and presentation skills through live mentoring, demos, and collaborative project support.

PROJECTS

AI Budget Tracker | <u>Github</u>   **Personal Project**
Python, Power BI, Excel Automation   *July 2024 – Sep 2024*
- Built a financial dashboard that automatically categorizes expenses and trends using Python automation.
- Improved reporting accuracy using Excel-based monthly pipeline automation.

Project Memora | <u>Github</u>   **Academic Project**
Flutter, Firebase, AI-Driven Analytics   *Sep 2024 – Dec 2024*
- Built an assistive memory-support app integrating real-time reminders, photo recognition, and voice prompts.
- Designed cloud-enabled data flow and performed QA testing to ensure reliability and smooth user experience.

Aging Population Forecast   **Academic Project**
Python, Excel, Regression Modeling   *Mar 2025 – May 2025*
- Built predictive models to understand long-term population trends and resource impact across Canada.
- Prepared dashboards with scenario comparisons and visual summaries for planning insights.

ACTIVITIES AND LEADERSHIP

OPS Hackathon 2026 | Government of Ontario   **Toronto, ON**
Organizer   *Oct 2025 – Nov 2026*
- Co-organizing a government-wide hackathon to promote innovation, analytics, and digital transformation.

Youth Tech Engagement Lead | <u>Develop the Future</u>   **Guelph, ON**
Team Lead   *Nov 2024 – Mar 2025*
- Supported event operations including setup, flow management, partner coordination, and follow-up documentation.

SKILLS

Programming & Frameworks: Python, Java, C#, JavaScript, TypeScript, SQL, React, Node.js, .NET, Flask, Tailwind CSS
AI, Cloud & Data: Azure AI Foundry, AWS, Pandas, NumPy, Scikit-learn, Power BI, KPI Reporting, API Dev, Docker, Git
Tools & Collaboration: JIRA, Confluence, VS Code, SQL Server, Postman, Figma, Notion, Advanced Excel, Linux, GitHub Actions