

# Harry Allen

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## EDUCATION



### Sheridan College

Honours Bachelor of Computer Science | Minor in Cloud Computing and Automation

Expected Graduation: April 2027

Oakville, ON

- International Entrance Scholarship
- **Relevant Coursework:** Project Management, Data Structures and Algorithms, Data Analytics, Operating Systems, Statistics, Cloud Architecture

## SKILLS

**Technical & Analytics:** AI Tools, Data Analysis, KPI Tracking, Research Summaries, Report Writing, Requirements Gathering

**Tools & Languages:** Excel (Advanced), Power BI, Microsoft 365, JIRA, Confluence, SQL Server, Git, VS Code

**Programming:** Python, Java, C#, JavaScript, SQL

**R&T Alignment:** Technology Research, Requirements Gathering, Governance Support, Project Tracking, Lesson Documentation

**Project & Collaboration:** Cross-Functional Coordination, Professional Communication, Agile/Scrum, Stakeholder Follow-ups

## EXPERIENCE



### Government of Ontario

Software QA Analyst Intern

May 2025 - Present

Toronto, ON

- 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.
- Supported process mapping, feature validation, and continuous-improvement initiatives by identifying gaps, tracking enhancements, and documenting outcomes in a structured, repeatable format.



### Career Education Council

Coding Instructor iOS Dev (Part-Time)

June 2025 – Present

Guelph, ON

- 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

### Aging Population Forecast | Python, Excel, Regression Modeling

March 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.

### Project Memora | GitHub | Flutter, Firebase, AI-Driven Analytics

September 2024 – December 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.

### AI Budget Tracker | GitHub | Python, Power BI, Excel Automation

July 2024 – September 2024

- Built a financial dashboard that automatically categorizes expenses and trends using Python automation.
- Improved reporting accuracy using Excel-based monthly pipeline automation.

### SpurHacks 2024 | StudentNest Project | Devpost | React, Firebase, Cloud APIs

May 2024 – June 2024

- Built a prototype platform connecting international students with housing, jobs, and local essential services.
- Conducted user interviews and market analysis to refine core features and optimize usability.

## LEADERSHIP EXPERIENCE

### Organizer – OPS Hackathon 2026 | Government of Ontario

October 2025 – November 2026

- Co-organizing a government-wide hackathon to promote **innovation, analytics, and digital transformation** among interns.
- Designed challenge statements, facilitated sprints, and coordinated mentor engagement.

### Youth Tech Engagement Lead | Develop the Future

November 2024 – March 2025

- Designed interactive workshop materials (slides, demos, resource guides) to simplify technical concepts for high-school students.
- Supported event operations including setup, flow management, partner coordination, and follow-up documentation.
- Used communication and research skills to translate technical topics into accessible learning experiences, contributing to community outreach and youth STEM engagement.