




Teaghan Johnson

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EDUCATION

Wilfrid Laurier University

Bachelors of Science in Computer Science

Waterloo, Ontario

Sep 2023 – Aug. 2027

- **Clubs:** Laurier Computing Society
- **Related Credits:** Data Structures & Algorithms, Databases, Algorithm Design & Analysis, Digital Electronics, Object-Oriented Programming, Probability and Statistics, Discrete Structures for Computer Science

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, React.js, C

Tools: Git, GitHub Pages, npm, VS Code, Chrome DevTools, Jupyter

PROJECTS

NBA Match Predictor | *Python, scikit-learn, pandas, BeautifulSoup, Streamlit, XGBoost, Git*

- Developed end-to-end ML pipeline using Ridge Classifier with walk-forward backtesting, achieving 66% accuracy through SelectKBest feature selection on 400+ engineered features including rolling averages, EWM stats, and momentum indicators
- Built automated data pipeline to scrape Basketball Reference, process game schedules, and track live prediction accuracy with historical archiving
- Created interactive Streamlit dashboard with team-specific filtering, dynamic CSS theming for 30 NBA teams, and Altair visualizations for rolling/cumulative performance metrics

Battleship | *JavaScript, HTML5, CSS*

- Engineered hunt-and-target AI algorithm with state management for realistic opponent behaviour
- Implemented HTML5 drag-and-drop interface to streamline ship placement and improve UX
- Built responsive turn-based game logic with event-driven architecture for consistent state management

Portfolio Website | *React, JavaScript (ES6+), SCSS, EmailJS, React Leaflet, GSAP, HTML5*

- Built a responsive portfolio application demonstrating front-end development skills through React, React Router, SCSS animations, EmailJS integration, and interactive Leaflet maps
- Configured automated deployment to GitHub Pages with **gh-pages** build automation and optimized routing configuration to provide recruiters with live project demonstrations

EXPERIENCE

Security Guard – The Pub on King

Student Bar Venue

Aug 2025 – Present

Waterloo, Ontario

- Conducted ID checks to verify legal drinking age and ensure compliance with Ontario liquor regulations
- Enforced house rules and alcohol policies calmly and professionally in a high-volume student environment
- De-escalated conflicts and managed disruptive behavior to prevent incidents and maintain a safe atmosphere
- Coordinated with bar staff and management to address safety concerns and control crowd flow

Data Entry Clerk – SDM Consulting

Consulting Firm

Jun 2024 – Sept 2024

Toronto, Ontario

- Updated and maintained internal databases with a high degree of accuracy
- Verified data integrity by cross-referencing entries with original source documents
- Organized tasks and managed priorities to meet strict project deadlines

Brand Ambassador – Pro-motions

Promotional Marketing Agency

Mar 2022 – May 2023

Toronto, Ontario

- Engaged customers to deliver a positive brand experience and promote featured products
- Consistently achieved sales targets through confident pitching and upselling techniques
- Supervised active promotional environments while maintaining professionalism and organization