

# Teaghan Johnson

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## EDUCATION

<b>Wilfrid Laurier University</b> <i>Bachelors of Science in Computer Science</i>	Waterloo, Ontario <b>Sep 2023 – Aug. 2027</b>
<ul style="list-style-type: none"><li>• <b>Clubs:</b> Laurier Computing Society</li><li>• <b>Related Credits:</b> Data Structures &amp; Algorithms, Databases, Algorithm Design &amp; Analysis, Digital Electronics, Object-Oriented Programming, Probability and Statistics, Discrete Structures for Computer Science</li></ul>	

## 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

<b>Security Guard – The Pub on King</b> <i>Student Bar Venue</i>	<b>Aug 2025 – Present</b> Waterloo, Ontario
<ul style="list-style-type: none"><li>• Conducted ID checks to verify legal drinking age and ensure compliance with Ontario liquor regulations</li><li>• Enforced house rules and alcohol policies calmly and professionally in a high-volume student environment</li><li>• De-escalated conflicts and managed disruptive behavior to prevent incidents and maintain a safe atmosphere</li><li>• Coordinated with bar staff and management to address safety concerns and control crowd flow</li></ul>	

<b>Data Entry Clerk – SDM Consulting</b> <i>Consulting Firm</i>	<b>Jun 2024 – Sept 2024</b> Toronto, Ontario
<ul style="list-style-type: none"><li>• Updated and maintained internal databases with a high degree of accuracy</li><li>• Verified data integrity by cross-referencing entries with original source documents</li><li>• Organized tasks and managed priorities to meet strict project deadlines</li></ul>	

<b>Brand Ambassador – Pro-motions</b> <i>Promotional Marketing Agency</i>	<b>Mar 2022 – May 2023</b> Toronto, Ontario
<ul style="list-style-type: none"><li>• Engaged customers to deliver a positive brand experience and promote featured products</li><li>• Consistently achieved sales targets through confident pitching and upselling techniques</li><li>• Supervised active promotional environments while maintaining professionalism and organization</li></ul>	