# Landon Hadre

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## EDUCATION

**University of Windsor** Windsor, ON
*Bachelor of Computer Science with Honours of Applied Computing* *Sep. 2022 – Apr 2026*

## TECHNICAL SKILLS

**Languages**: Javascript/Typescript, Python, Java, C, C++, SQL, PHP, HTML, CSS
**Frameworks & Libraries**: React, React Native, Next.js, Node.js, Bootstrap, Tailwind CSS, Pandas, Pytorch, Flask
**Tools**: AWS, GCP, Git, Postgres, MongoDB, Docker, Unity

## PROJECTS

**Nest** | *React Native, Typescript, Python, Tailwind CSS* Feb 2024
- Achieved **3rd place** in a WinHacks 2024
- Developed a **React native** mobile app utilizing **Postgres** and external image **recognition APIs**
- Processed images of birds with over **95%** accuracy using BirdV2 model from **Roboflow**
- Developed a dynamic bird list feature that automatically updates,enhancing user experience and species tracking

**DevDesk** | *React, Tailwind CSS, Express.js, Python, MongoDB, WebRTC, WebSockets* Sep 2022 – Current
- Led the development of a virtual co-working platform with real-time collaboration features
- Allowed users to import LeetCode questions directly into interview rooms
- Built an intuitive dashboard with **React** and **Tailwind CSS**, providing seamless user experience
- Implemented room management, user authentication, and session handling with **Flask** and **MongoDB**

**Blackjack AI** | *Python, Pandas, Pytorch* Jan 2024 – Apr 2024
- Developed a Blackjack simulation bot with Python using **Q-learning**
- Implemented **epsilon-greedy** policy for dynamic action selection, increasing long-term rewards by **20%**
- Designed **3** AI versions, running over **1 million** simulations to analyze outcomes

**Quiet Quest** | *React, Tailwind CSS, Javascript, PHP, Postgres* Mar 2024 – Apr 2024
- Designed and developed a responsive job search website with a user-friendly interface using **React**
- Implemented a database using **Postgres** to manage job listings and user data
- Integrated advanced search and filtering capabilities using **Javascript**

## EXPERIENCE

**Seven Lakes Golf Course** Mar 2022 – Current
*Grounds Crew* *Windsor, ON*
- Assisted in the upkeep of the golf course, including mowing the grass, maintaining the landscaping, and ensuring the greens and fairways were in top condition
- Provided excellent customer service to golfers by greeting guests, managing tee times, and addressing inquiries or concerns

**Freshco** Aug 2022 – Current
*Stocker* *Windsor, ON*
- Restocked shelves and displays to ensure product availability and a neat presentation for customers
- Monitored inventory levels and communicated with supervisors regarding low stock or out-of-stock items to ensure timely replenishment
- Organized stock areas efficiently by sorting and labeling products, improving accessibility for future restocking tasks