

LANDON HADRE

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in landonhadre 🔄 Fakkiie

EDUCATION

Windsor University

Sept. 2022 - Current

Bachelor of Computer Science 2026

SKILLS

TOOLS: AWS, GCP, Git, Postgres, MongoDB, Docker, Unity

LANGUAGES: Javascript/Typescript, Python, Java, PHP, C/C++, SQL

FRAMEWORKS & LIBRARIES: React, Next.js, Node.js, Bootstrap, Tailwind, Pandas, Pytorch

PROJECTS

Nest

- Developed 'Nest,' a **React native** mobile app to distinguish bird species, through utilizing **Postgres** and external image recognition API providers.
- Achieved 3rd place in a WinHacks 2024. A hackathon hosted by the University of Windsor hackathon committee with hundreds of participants.

Blackjack AI

- Developed a Blackjack simulation bot with **Python** using Q-learning to optimize strategies through Reinforcement Learning.
- Implemented an epsilon-greedy policy for action selection, dynamically adjusting strategies based on rewards from game outcomes.
- Created and tested three AI versions—one with card counting, one without card counting, and a default version—by simulating over 1 million game rounds to evaluate strategy effectiveness.

Quiet Quest

- 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, streamlining the job search process and tailoring it to individual needs.
- Integrated advanced search and filtering capabilities, allowing users to find jobs based on specific criteria.

EMPLOYMENT

Seven Lakes Championship Golf, *Grounds Crew*

Mar. 2022 - Current

- 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