

# Yihang Huang

Montreal, QC, Canada | [yihang.h16@gmail.com](mailto:yihang.h16@gmail.com) | +1 514 746 9588 | [github.com/QuoiHang](https://github.com/QuoiHang)

## EDUCATION

Université de Montréal, Master of Computer Science  
Concordia University, Graduate Diploma in Computer Science

Jan 2024 – 2026  
Sept 2022 – Aug 2023

## TECHNICAL SKILLS

**Programming Languages :** C++, Python, Java/C#, SQL, HTML, JavaScript, CSS, PHP, Solidity

**Frameworks & Tools :** React, Docker

**Core Competencies :** Machine Learning, Web Development, Blockchain, UI/UX Design, Database Systems

## WORK EXPERIENCE

**IT Support** | Arctic Star Foods (Montréal, Canada)

Dec 2023 – Dec 2025

- Administered and optimized PHP/MySQL-based databases and web servers, achieving 99.9% uptime and reliable data access.
- Designed and deployed a custom product showcase web app, improving the company's online visibility and user engagement.
- Integrated billing and order management systems, minimizing errors and streamlining operational workflows.

**Quality Assurance Engineer** | Keywords Studio (Montréal, Canada)

Jan 2020 – Aug 2022

- Developed automated testing tools using Python and VBA, reducing manual QA time and increasing test coverage.
- Partnered with major gaming studios including Warner Brothers, Ubisoft, 2K, and Ryu Ga Gotoku Studio to identify, reproduce, and resolve software bugs.
- Provided actionable feedback on gameplay design and mechanics, enhancing user experience and preventing critical release issues.

## ACADEMIC PROJECTS

**NHL Data Analyzer**

[github.com/arvml2906/NHLProject](https://github.com/arvml2906/NHLProject)

- Collected and processed NHL data from APIs and web sources for predictive modeling.
- Trained machine learning models to forecast game outcomes and goal accuracy.
- Built a real-time web app for data visualization and prediction insights.

**Artistic NFT Platform**

[github.com/QuoiHang/Artistic-NFT](https://github.com/QuoiHang/Artistic-NFT)

- Developed a blockchain-based NFT marketplace with MetaMask integration.
- Implemented smart contracts for secure minting and trading.
- Designed a React interface enabling real-time NFT browsing and purchases.

**Food Order Web App**

[github.com/mengyangq/ConcordiaEats](https://github.com/mengyangq/ConcordiaEats)

- Designed an interactive UI/UX and developed a full-stack food ordering system.
- Implemented a SQL database for managing orders, inventory, and reports.
- Optimized ordering flow and promoted sales through a featured items module.

**Health Database Web App**

[github.com/QuoiHang/Health\\_Database](https://github.com/QuoiHang/Health_Database)

- Built a web app for hospital scheduling and patient record management.
- Structured and maintained a secure SQL-PHP database backend.
- Delivered a clean HTML/CSS/JavaScript interface for medical staff use.