# Yihang Huang

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## EDUCATION

**Université de Montréal**, Master of Computer Science                    Jan 2024 – 2026
**Concordia University**, Graduate Diploma in Computer Science       Sept 2022 – Aug 2023

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, Java, SQL, HTML, JavaScript, CSS, PHP, Solidity
**Frameworks & Libraries:** 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 – Oct 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

- 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

- 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

- 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

- 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.