Yihang Huang

yihang.h16@gmail.com | (514) 746-9588 | 1950 23e Ave, Laval, QC Canada, H7R3H1

EDUCATION

Université de Montréal (Montréal, Canada) | Master of Computer Science   Jan 2024 – 2026
Concordia University (Montréal, Canada) | Graduate Diploma in Computer Science   Sep 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 Studios (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.