

# Yihang Huang

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## Introduction

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I am a multidisciplinary professional with rich experience working as an engineer across various companies. My expertise spans software development, process management, and improvement. With strong background in software engineering, I have a passion for creating innovative solutions.

## Education

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| Université de Montréal, Master of Computer Science             | Jan 2024 – 2027      |
| Concordia University, Graduate Diploma in Computer Science     | Sept 2022 – Jun 2023 |
| McGill University, Master of Architecture                      | Sept 2016 – Oct 2017 |
| South China University of Technology, Bachelor of Architecture | Sept 2011 – Jun 2016 |

## Experience

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**IT Consultant**, Arctic Star Foods – Montréal, Canada Dec 2023 – Apr 2025

- Maintained database and web server, ensuring 99.9% uptime.
- Developed a web application for showcasing products.
- Integrated bill payment and order management systems to reduce inconsistency.

**Quality Assurance**, Keywords Studio – Montréal, Canada Jan 2020 – Aug 2022

- Created internal tools to automate testing processes, reducing manual testing time.
- Collaborated with game developers in client companies (Warner Brothers, Ubisoft, 2K, Ryu Ga Gotoku Studio, etc.) to identify and resolve bugs, ensuring the release of high-quality games.
- Provided feedback on game design and mechanics, contributing to the overall user experience.

## Projects

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**NHL Data Analyzor** [github.com/arvml2906/NHLProject](https://github.com/arvml2906/NHLProject)

- Collected and cleaned NHL data from various sources, including the NHL API and web scraping.
- Analyzed and trained machine learning models to predict game outcomes and goal accuracy.
- Developed a web application to visualize data and predictions.
- Tools Used: Python, HTML, JavaScript, Docker

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

- Built a platform for creating and trading NFTs via MetaMask wallets.
- Implemented smart contracts for minting and transferring NFTs.
- Developed a user-friendly interface for browsing and purchasing NFTs.
- Tools Used: Solidity, React, JavaScript, HTML

**Food Order Web App** [github.com/mengyangq/ConcordiaEats](https://github.com/mengyangq/ConcordiaEats)

- Drafted interactive UI/UX prototype for a food ordering web application.
- Developed a web application with a user-friendly interface for ordering food from local restaurants.
- Implemented a database for managing orders, products and user accounts.
- Tools Used: Java, SQL, JavaScript, HTML, CSS

**Health Database Web App** [github.com/QuoiHang/Health\\_Database](https://github.com/QuoiHang/Health_Database)

- Built a web application with database for managing hospital scheduling and patient records.
- Tools Used: SQL, JavaScript, HTML, CSS, PHP

## Skills

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**Languages:** C++, Python, Java, SQL, HTML, JavaScript, CSS, Solidity, React, PHP

**Technologies:** Machine Learning, UI, Blockchain