

Yihang Huang

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Introduction

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

Education

University de Montréal, Master of Computer Science	Jan 2024 – 2026
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

IT Consultant, Arctic Star Foods – Montréal 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, reducing inconsistency by 50%

Quality Assurance, Keywords Studio – Montréal 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

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Projects

Multi-User Drawing Tool github.com/name/repo

- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

Synchronized Desktop Calendar github.com/name/repo

- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Custom Operating System 2002

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: C

Skills

Languages: C++, Python, Java, SQL, HTML, JavaScript, Solidity

Technologies: Machien Learning, Microsoft SQL Server, UI, Blockchain