

William Chai

Honours Health Sciences student, photographer, filmmaker, and independent project maker.

Hamilton, Ontario, Canada

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Education

McMaster University

Honours Health Sciences, Bachelor of Health Sciences, Level 4

2023 to 2027 (expected)

Dean's Honour List, 2024.

St. John's Kilmarnock School

International Baccalaureate Diploma Programme

2019 to 2023

Student Council, 2020 to 2023. Alumni representative.

Research and educational design

The Appearance of Greek and Roman Mythology in Medical Language

Undergraduate thesis researcher, McMaster University

September 2026 to present

Studies mythology in medical language through historical and literary analysis under Dr. Stephen Russell. Nine unit undergraduate thesis, HTHSCI 4A09 A/B.

Anatomical Terminology Research and Conference Abstracts

Research collaborator with Dr. Stephen Russell, McMaster University

2025 to 2026

Researched anatomical terminology, developed teaching games and lecture material, and coauthored a Vienna conference presentation and two ICAM 2027 abstract drafts. The work combined HTHSCI 3H06 with its HTHSCI 4D03 continuation.

Medical Terminology Games

Game designer and developer

February 2025 to July 2026

Developed and tested educational games for medical terminology and anatomical Latin with Dr. Stephen Russell, including rules, learning materials and digital editions. This work forms part of the anatomical terminology research project.

Experience

McMaster Bachelor of Health Sciences Society (BHSS)

Director of Photography

September 2026 to present

McMaster Bachelor of Health Sciences Society (BHSS)

Vice President of Media and Promotion (External Committee)

September 2023 to present

McMaster Bachelor of Health Sciences Society (BHSS)

Photographer

January 2024 to August 2026

McMaster Bachelor of Health Sciences Society (BHSS)

Elections Committee Member

December 2024 to June 2025

WillChai.com

Founder and Lead Photographer

April 2021 to present

Plans and photographs portrait, event, product and commercial assignments, with editing and client delivery.

WillChai.com

Watchmaker

August 2025 to present

Designs and assembles WillChai watches, including the Waterbear automatic watch. Independent restoration practice began in November 2024.

McMaster Film Production Club

Co President

April 2025 to present

McMaster Film Production Club

Vice President of Cinematography

April 2024 to April 2025

McMaster Film Production Club

Cinematography Member

September 2023 to April 2024

Health Sciences Musical

Videographer

March 2024 to present

Health Sciences Musical

Head of Videography

June 2024 to August 2025

McMaster Artificial Intelligence Society

Photographer

September 2025 to present

Ticket Stub Talks, 93.3 CFMU

Radio Host

October 2025 to April 2026

Hosted and produced a weekly film and filmmaking radio program with the McMaster Film Production Club.

[Murder of Minus, WillChai Productions](#)

Director and Lead Actor

November 2021 to January 2025

Foxwood Homes

Warranty Coordinator

May 2024 to August 2024

Coordinated homeowner warranty documentation, inspections, repairs and trades scheduling.

McMaster Students Union

Vice President Administration candidate and MSU Index collaborator

March 2026

Researched union operations, developed a campaign platform and built an MSU Index prototype for governance records.

Projects

[Tachyboard](#)

Designer and developer

July 2026 to present

Built a typing analysis and practice tool with personalized drills based on recurring typing errors.

Searing Stories

Co host, photographer and web designer

November 2025 to present

Organizes dinner interviews, guest outreach, photography and editorial features with Edward Gao. Builds the publication's website and visual presentation.

ConspiraSea Online

Creator, artist, and developer

March 2024 to present

Designed the tabletop social deduction game, original roles and artwork, then developed a multiplayer online edition.

Wattleseed

Cowriter, director and producer

October 2025 to March 2026

Developed and produced a short film about two researchers, an artificial intelligence and their response to institutional delay.

Waterbear and watch restoration

Watch designer and maker

November 2024 to present

Developed an automatic watch and practiced assembly, restoration and quality assessment. The commercial watchmaking role began in August 2025.

Inqling

Co creator, collaborative card game and curriculum

November 2023 to January 2026

Co designed a classroom card game with students and faculty to support dialogue and belonging. Presented the learning design at McMaster's Innovations in Education Conference in 2024.

Murder of Minus

Short film

November 2021 to August 2025

Co wrote and co directed the film with Artyom Gabtraupov and performed the roles of Quinten and Minus. Production concluded in January 2025, followed by festival distribution.

Transit

Developer

2025

Developed a CARS reading practice prototype which generates passages for reading endurance and comprehension.

Full House

Game designer and illustrator

June 2023 to January 2024

Designed, illustrated and playtested an asymmetrical strategy game for two to nine players, with nine factions, alliances and custom components.

willchai.com

Web designer and developer

2023 to present

Builds and maintains a personal website for photography, film, games and other projects.

Awards and presentations

HTHSCI 3DM3 Finale Championship

First place, team educational video

December 2025

The team's medical science communication video received first place in the course finale at McMaster University.

[Alternative Film Festival](#)

Best Actor, Murder of Minus

March 2025

Recognized for a lead performance in Murder of Minus.

[Murder of Minus festival awards](#)

Film recognition

2025

Received Best Student Film, Best Mystery / Suspense / Thriller and Best Student Short Film awards. Individual festival outcomes appear in the film record.

[Wattleseed festival awards](#)

Film recognition

2026

The film received Best Original Score at Cine Paris Film Festival and the Student Film award at Toronto Arts and Entertainment Film Festival.

International Baccalaureate academic distinctions

Spanish Award and Theory of Knowledge Award

2023

Received at St. John's Kilmarnock School.

Innovations in Education Conference

Presenter, Inqiling

2024

Presented the collaborative card game and its learning design at McMaster University.

17th International Symposium of Clinical and Applied Anatomy

Coauthor, anatomical terminology presentation

Contributed research and lecture material to a presentation at the Medical University of Vienna.

Credentials

Transport Canada

Pilot Certificate, Small Remotely Piloted Aircraft System, Visual Line of Sight

Issued October 2024

Credential 2429560517.

Pfizer UK through Forage

Molecule to Market Job Simulation

Issued June 2024

Credential aKcvJ4LfSj82s6Pei.

Volunteering

Be My Eyes

Registered volunteer

November 2025 to present

Registered for the virtual assistance service.

Perplexity

Campus Partner

September 2025 to January 2026

Updated September 2026. Compiled from LinkedIn, application records and project documentation.