

Ethan Xu

EDUCATION

UNIVERSITY OF TORONTO

St. George campus

MAJORED IN MATHEMATICS

Issued Jun 2023

SPECIALIZED IN PHILOSOPHY

Issued Jun 2023

Conc. in Philosophical Logic, and
Foundation of Mathematics.
Honours Bachelor of Arts.
New College.

COURSEWORK

COMPUTER PROGRAMMING

Introduction to Computer Science,
Mathematical Expression and
Reasoning for Computer Science,
Introduction to Computer
Programming,
Computational Thinking.

LOGIC & FORMAL SYSTEMS

Introduction to Mathematical Logic,
Probability and Inductive Logic,
Modern Symbolic Logic,
Modal Logic and Philosophical
Application in Logic,
Intermediate Logic.

SKILLS

PROGRAMMING

Over 5000 lines:

Python • \LaTeX

Over 1000 lines:

HTML • CSS • JavaScript

Familiar:

R • SQL

COMMUNICATION

Advanced

Formal Argument • Math/Logical Proof

Intermediate:

Essay Writing

Basic:

Oral Presentation

EXPERIENCE

WRITER | FREELANCE

Since Jun 2023

Provides unrestricted public access to educational materials. As a freelance academic writer, I specialize in writing about topics related to mathematics, logic, philosophy, and computer science. My aim is to make complex concepts accessible and engaging for readers from diverse backgrounds.

PROJECTS

MYNOTE EDITOR

May 2023

An HTML editor that is capable of rendering MathJax in real time. MathJax is a JavaScript library that displays mathematical notation in browsers, using \LaTeX , MathML, or AsciiMath notation. As users input their equations or other MathJax-supported notation, they can see the rendered output immediately.

MYNOTE

Since Jun 2023

This website functions as a platform for me to organize study notes. Moreover, it offers unrestricted public access to educational resources. Currently, this is in the process of being constructed and developed.

CERTIFICATIONS

GOOGLE DATA ANALYTICS | GOOGLE

Issued May 2023

Credential ID 8WYE47J57XXY

MACHINE LEARNING | STANFORD UNIVERSITY

Issued May 2023

Credential ID UUE4UZUYG532

REINFORCEMENT LEARNING | AMII

Issued Jun 2023

Credential ID 79MN76WFGGQ8

VOLUNTEERING

Q&A CONTRIBUTOR

| MATHEMATICS STACK EXCHANGE

Since Sep 2017

| PHILOSOPHY STACK EXCHANGE

Since Oct 2019

LANGUAGES

ENGLISH FULL PROFESSIONAL PROFICIENCY

GERMAN ELEMENTARY PROFICIENCY

MANDARIN NATIVE PROFICIENCY