

# Haozhe Li

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## Overview

- Male, Born in 2004
- Currently studying at University of Illinois Urbana-Champaign
- Proficient in C++, Python, and Java
- Some experience in front-end development
- Video content creator with 10K+ followers

## Education

- BS in **Computer Science and Music**, University of Illinois Urbana-Champaign (2022-)
  - GPA: 3.98, Top 10% of class
  - Dean's List at University of Illinois

## Work Experience

- Course Assistant**, University of Illinois Urbana-Champaign  
2023.1 - 2023.5, 2024.1 -
  - Course Assistant for CS 124, Introduction to Computer Science at University of Illinois
  - Assisted in recording introductory lectures and pre-class materials for the course website
  - Online assistance for student queries related to course content and projects
- Content Contributor**, ZNotes  
12/2021 - 04/2022
  - Summarized review notes to aid students in A-Level Physics revision
  - Authored sections on Astrophysics, Quantum Physics, and Atomic Physics for A2 level
  - Revised sections on Electromagnetism and Thermodynamics

## Project Experience

- Personal Website**  
Project Link: [haozheli.com](http://haozheli.com)
  - Developed my personal website in spare time, self-learning front-end web development
  - Used HTML, JavaScript, and CSS
- Online Text Detector**  
Project Link: [detect.haozheli.com](http://detect.haozheli.com)
  - Online tool for comparing similarity between two pieces of text
  - Implemented using Bloom filter algorithm and minhash comparison
  - Calculations performed locally using JavaScript
- Fit2Video**  
Project Link: [github.com/Haozhe-Li/fit2video](https://github.com/Haozhe-Li/fit2video)
  - Converts fitness data in .fit files into video layers
  - Facilitates adding running data layers for running enthusiasts and video creators
  - Developed using Python, Pandas, and FFmpeg

## Skills

- ★★☆ C++, Python, Java
- ★☆☆ JavaScript, HTML, CSS
- ★☆☆ Pandas, PyTorch
- ★★★★ Audio/Video Processing
- ★☆☆ Digital Signal Processing

## Interests

Video content creator with 10K+ followers, Cellist and Pianist, Marathon enthusiast