

Le Zhang

3A Honours Physics | Computing Minor

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Qualifications

- Excellent ability to construct and maintenance the program by Python
- Experienced in C/C++
- Skilled in web related programing HTML, SQL and JavaScript
- Experienced with PA (Public-Address) system, stage design, and backstage operation
- Skilled in audio and visual editing by Photoshop, Final Cut Pro, Logic Pro and Davinci Resolve
- Master in physics lab techniques, physics research and academic report-writing
- Familiar with Microsoft 365 software including Excel, PowerPoint, Word and Outlook

Experience

1. **Audio-visual Events & Stores Assistant at University of Waterloo (Canada)** 2023
 - Recording with professional video equipment
 - Working with PA system
 - Events equipment managements software construction
2. **Electrical Engineer in Robot Lab at Henan Experimental High School (China)** 2017-2020
 - Code a automation program for robot, utilized attention to detail and data analysis skills
 - Took the competition, developed teamwork skills
 - Work with other students to create a program that is gained organized working style

Projects

1. **Data Analysis by Python** 2023

By building a Python program, the collection, processing, analysis and visualization of physics-related data are realized.
2. **HTML5 Website Develop** 2017-2023

The website is constructed by using HTML, and the functions are implementation by CSS. JS is used to realize animation of web pages and adaptation to mobile
3. **Microfilm** 2018

Recorded with a professional cinema camera and edited in post for dramatic effect

Education

- University of Waterloo (Undergraduate)** 2021-Present
- Candidate for Bachelor of Science, Honours Physics
 - Candidate for Minor of Computer Science, Computing Minor
 - Excellent Standing for All terms study

University Skills and Strategies:

Science research / Science Lab / Experimental data analyzed / Formal lab report writing / Programing

Interests and Awards

- Excellent Academic Standing | 2021-2023
- Best works of the Science Fair | 2018
- Best Club leader on Campus | 2018
- First Robotic Competition industrial design award | 2018
- Best Editing Award at Chinese Youth Micro Film Festival | 2018