Yipeng(Perry) Zhu

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EDUCATION

The University of British Columbia   Vancouver, BC
Major in Statistics   2023–current

The Ohio State University   Columbus, Ohio
Major in Computer Science Engineering   2022–2023

Harbin No.3 High School   Harbin, China
High School Diploma   2019–2022

- Top 1% student

EXPERIENCE

Purdue University   Online
Teaching Assistant, Gifted Education Research and Resource Institute Youth Program   Summer 2022

- Delivered tailored extracurricular activities to students including Basic Principles in Computer Science, Web and Basic Web Development and Using Git and GitHub.

University of California, Berkeley   Online
Artificial Intelligence Coding, UC Berkeley Extension   Summer 2021

- Learned artificial intelligence concepts and C++ programming language and created a program that can automatically play Gobang.

Carnegie Mellon University   Online
Online Research Project on Machine Learning and Artificial Intelligence Summer 2021

- Learned artificial intelligence and machine learning in research project led by Professor Vipul Goyal.
- Using Linear Regression, our team was able to create a program that learned from its historical prices as an input to predict future share prices.

Oxford University Computing Challenge 2021   Online
Participant   2021

- Learned and reviewed essential computer science fundamentals, including algorithms such as pop sort, quick sort, binary search, and data structures.

Purdue University Gifted Education Research and Resources Institute (GER2I)   Online
Teaching Assistant   2022

- Served as a teaching assistant for the Python programming for the future class.

The Ohio State University College of Engineering   Columbus, OH, US
1st place winner of the Fundamentals of Engineering Design Showcase   202s

- Developed an outstanding MatLab game

PUBLICATIONS

1. Ziheng Wang, Zonghong Yu, and **Yipeng Zhu**, "Stock Price Analysis of Atlassian Corporation Based on Linear Regression", *2nd International Conference on Machine Learning and Computer Application), 2021*

SKILLS

- **Programming Language** Python, Java, C++, JavaScript, MatLab, HTML5, CSS3
- **Web Development**
- **Machine Learning**
- **Advanced Placement:** Computer Science A 4, Microeconomics 4, Computer Science Principle 3

LANGUAGES

- **English** Advanced
  - **TOEFL iBT:** 109 (Best Score 113)
- **Chinese** Native Speaker

EXTRACURRICULAR ACTIVITIES

- Website   2021
  Created a website introducing my school's international department and my own class.

- Assistant Director, Northeast Regional Model United Nations Conference   2020
  Lead our team and hosted a MUN to guide representatives to analyze and solve global issues.

- Volunteer, Harbin No.3 High School Model United Nations Conference   2020
  Undertook the responsibilities to train and mentor younger delegates of our school on MUN, sharing not only my own experiences but also training them to succeed.

- Personal Website   Present
  Created and uploaded a website that introduces myself.

- Fencing   Present
  Learnt from high school classes.

- Violin   Present
  Practiced for 9 years and admitted into the National Music Association in Grade 9.