

# ERIC ZHANG

120 South St, West Lafayette, IN 47906 · zhan4618@purdue.edu · 765-771-0219

## EDUCATION

### Purdue University

West Lafayette, IN Aug 2022 - May 2026

Bachelor of Science: Mathematics, Computer Science, Statistics | Minor: Business Economics GPA: 3.80/4.00

- Relevant Coursework: Game Theory, Multivariate Calculus, Linear Algebra, Statistics, Data Structures and Algorithms, Real Analysis, Differential Equations
- Current Coursework: Analysis of Algorithms, Linear Algebra II, Probability, Competitive Programming

### Kristin School

Auckland, NZ Feb 2018- Nov 2021

International Baccalaureate

- Higher Level Subjects: Mathematics, Chemistry, Economics

## EXPERIENCE

### Purdue Department of Mathematics, Undergraduate Teaching Assistant West Lafayette, IN Jan 2024 - Present

- Graded assignments for students, ensuring accurate and timely feedback to enhance student learning.
- Maintained professional correspondence with students to consolidate their understanding of course material
- Assisted during lectures with distributing course materials and quizzes, and proctored quizzes and exams.

### HND Holding Limited (Property Development Company), Site Manager Assistant Auckland, NZ May-Aug 2024

- Efficiently managed company invoices and facilitated weekly financial bookkeeping using Excel, ensuring accurate and timely record-keeping.
- Made phone calls to vendors to coordinate deliveries, consultations, and repairs, ensuring the timely execution of these tasks.
- Shadowed the site manager in supervising construction and development by providing administrative support.

### Natural Produce New Zealand Ltd (Agricultural Company), Intern

Auckland, NZ Mar-Aug 2022

- Cleaned and manipulated data on Excel, and created informative graphs to illustrate pricing trends over time.
- Organised logistical tasks such as inventory management, and managing sales and deliveries.
- Coordinated and held meetings and consults with industry experts to identify trends and opportunities for improvements.

### Kristin School Chess Club, Captain

Auckland, NZ Jun 2020-Nov 2021

- Coached and mentored club members, teaching them opener theory and advanced endgame techniques
- Organized an in-school competition to select and form teams for the intermediate and secondary interschool tournaments. Led a team to 4th place at the regional interschool tournament, JV team achieved 1st place.
- Reached a lichess rating of 2000, currently holding a rating of 2200 in 2024.

## PROGRAMMING PROJECTS

### Collaborative E-Commerce Application

- Developed a program with a team that lets users simultaneously use a platform to list and buy products. The program offers a comprehensive set of tools that empowers sellers to manage their stores smoothly, while providing customers with easy product browsing. The seamless user experience is facilitated by an intuitive GUI, simplifying interactions between users and the software.

## AWARDS

- **Purdue University: Dean's List and Semester Honors** (2022-2023)
- **Purdue University: Summer Double Major Scholarship** (2024)
- **New Zealand Economics Competition: Distinction** (2021)
- **Australian Math Competition: High Distinction** (2020), **Distinction** (2021)
- **New Zealand Chemistry Olympiad: Silver Award and Training Group Selection** (2020)
- **Spirit of Adventure Scholarship** (2019, NZ)
- **ICAS Mathematics: High Distinction** (2019, NZ)
- **Junior Mathematics Competition: Top 30** (2017-2019, NZ)
- **New Zealand Mathematics Olympiad: Round 2 Selection** (2018-2019)
- **Auckland History Bowl Junior Varsity Champion** (2019, NZ)

## ACTIVITIES

- Tetris Club Purdue (Captain)
- Purdue Chess Club
- Purdue Math Club

## ADDITIONAL INFORMATION

Languages: English, Mandarin

Programming Languages: C++, Java, Python, R, C