

**Jingyi Shen(Emily)**  
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## **EDUCATION**

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**University of Toronto 9/2021-5/2025**

**Specialist in Statistical Science: Methods and Practice(Focus in Physics)**

**Physics Major**

**Major Course Work:**Probability, Statistics and Data Analysis, probability spaces, random variables, discrete and continuous probability distributions, probability mass, density, distribution functions, expectation and variance, independence, conditional probability, the law of large numbers, the central limit theorem, sampling distributions. Statistical models and parameters, estimators of parameters and their statistical properties, methods of estimation, confidence intervals, hypothesis testing, likelihood function, the linear model. Use of statistical computation for data analysis and simulation.

classical kinematics&dynamics, momentum, energy, force, friction, work, power, angular momentum, work, power, angular momentum, oscillations, waves, sound, electricity, magnetism, light, optics, special relativity.

## **PROJECT EXPERIENCE**

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**Sta130 final project 4/2022**

**Collaborated with 3 team members on a project for Expedia, using R to analyze consumer search patterns with the aim of enhancing housing product recommendations.**

**Analyzed comprehensive data from over 1,000 consumers, employing 37 different variables related to property searches, to gain a detailed understanding of consumer behaviors and preferences.**

**Leveraged findings from the data study to improve the efficacy of Expedia's product recommendation systems, providing valuable insights into consumer habits.**

## **TECHNICAL SKILLS**

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**Languages: R studio, python**

**Developer Tools: MS Office**

## **SKILLS & INTERESTS**

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**Languages: English, Mandarin**

**Interests: badminton, piano, We-media(Tik Tok )**

## **INTERNSHIP EXPERIENCE**

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**Unilever SHANGHAI, CMI 6/2023**

**Unilever (Unilever Group), a multinational company, was formed in 1929 by the merger of Margarine Unie margarine Company and Lever Brothers Soap Company in the UK.**

**Headquartered in London, UK, the company is responsible for the food and detergent businesses respectively.**

**In December 2018, the "2018 Top 500 World Brands" compiled by the World Brand Lab was announced, ranking 40th. In July 2019, the 2019 Fortune Global 500 was released, ranking 167th**