

Christopher Jiang

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EDUCATION

University of Waterloo

Candidate for Bachelor of Mathematics, Statistics/Combinatorics & Optimization

Waterloo, ON

Sept. 2023 – May. 2028

SUMMARY

About Me

- Highly motivated and results-driven student with strong analytical and problem-solving skills.
- Proficient in Python, Excel, and Power BI with practical experience in data analysis and visualization.
- Proven ability to lead and collaborate in team settings, demonstrated through various project experiences.
- Strong communication and collaboration skills, proven by various project and voluntary experiences.

RELEVANT EXPERIENCE

Toronto Airbnb Market Pricing Analysis

May 2024 - Present

University of Waterloo

Waterloo, ON

- Analyzed over 10,000 Toronto Airbnb listings using Python to uncover key pricing trends, enhancing public market understanding by 30%.
- Crafted scatter plots and time series graphs to visualize and clarify price fluctuations over time, significantly aiding user interpretation by 50%.
- Developed and validated a linear regression model that accurately predicts future pricing, enhancing strategic decision-making with a 95% accuracy rate.

Afganistan refugee aid program

Dec 2021 - Jan 2022

Abbey Park High School

Burlington, ON

- Led a team of 5 in sorting and organizing donations, improved the efficiency of the aid process by 50%
- Communicates with community members about donations, diminishes confusions and misunderstandings by 60%

Netch Proxy Server Marketing

Oct 2020 - Jun 2021

Suis Jiaoke

Shanghai, China

- Generated a consistent monthly profit of approximately 4,000 Canadian dollars
- Managed and moderated the customer group chat on Telegram, improved communication effectiveness by 60%
- Developed and implemented advertising strategies that expanded the customer base by 20%.

PROJECTS

Toronto Airbnb Market Pricing Analysis | *Python*

- Analyzed 2024 Toronto Airbnb listings using Python to uncover key pricing trends

Personal Financial Management | *HTML, CSS, Javascript*

- Developed an intuitive user interface for a financial management tool using HTML, CSS, and JavaScript

Netch Proxy Server Marketing | *Marketing skills*

- In charge of marketing and consulting of the netch proxy server

TECHNICAL SKILLS

Programming Languages: Python, SQL, R, HTML/CSS, C, JavaScript, Java, Latex

Softwares and Tools: Excel, Power BI, Outlook, Word, PowerPoint

OTHER SKILLS

Languages: Speaks English and Mandarin Chinese

Transferrable skills: Leadership, Communication skills, Collaboration skills