

# Isaac Tsang

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## EDUCATION

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### Candidate for Bachelor of Mathematics / Chartered Professional Accountancy

University of Waterloo

Waterloo, ON  
Sep 2020 – Present

- **Specialization:** Mathematical Finance
- **Competitions:** Waterloo EY Challenge (Semi-Finalist), UWAC accounting case competition (Semi-Finalist), University of Waterloo CPA competition, TO-Hacks

## WORK EXPERIENCE

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### Fiverr

Freelance bookkeeper

Waterloo, ON  
Mar 2020 – Oct 2020

- Preparing journal entries and financial statements for start-ups and individuals
- Once prepared financial statements for a university student to track their financial position
- Journalized invoices, transactions, and prepared financial statements through Excel and Sage 50

### SoftnComfy

Owner

Waterloo, ON  
May 2020- Oct 2020

- Conducted market research, designed company website, video-edited product advertisements, and did budgeting
- Strived to bring people modern and minimalistic products to improve their lives
- Deployed and spearheaded growth of organization to achieve daily positive profits

## LEADERSHIP EXPERIENCE

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### Accounting and Finance Student Association

Marketing Associate

Waterloo, ON  
Sep 2020 – Present

- Make important decisions regarding to events marketing and posts to maintain AFSA brand image
- Collaborated with teammates in branding and graphics to plan AFSA hosted events and posting schedules

### UW Financial Technology Club

Technology Director

Waterloo, ON  
Sep 2020 – Present

- Conducted project management regarding the website creation and database maintenance
- Designed the club website with HTML, CSS, and JS
- Currently performing UX design for the upcoming UW Fintech virtual conference with React

## PROJECTS

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### FRED-DB / Python

Dec 2020

- A discord bot that retrieves economic data from the Federal Reserve Economic Data database, and allows users to search, plot economic data, and compare between them
- Developed in python using discord, matplotlib, pandas, numpy, fredapi, and seaborn
- Solves the issue of finance discord servers such as r/forex, where they can plot the data and discuss on chat instead of streaming every time they need to discuss and compare economic data against stocks and currency data

### Kaggle and Backtesting Projects | Python, R

Dec 2020 - Present

- Side projects that I did with python and R to hone my data analytics skills
- Used python to analyze lichess data, and used R to analyze data for Netflix titles, both utilized Kaggle datasets
- Used python to perform backtesting with technical indicators, currently working on Ichimoku Clouds

## ADDITIONAL INFORMATION

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- **Skills:** Microsoft Office (Working Proficiency), Data Analytics (Python, R), Web development (HTML/CSS, JS)
- **Languages:** English (Native), Cantonese (Native), Mandarin (Professional), French (Elementary Proficiency)
- **Certifications:** Google Advanced Analytics, Bloomberg BMC, Canadian Securities Course (Finished part 1)