Isaac Tsang

Phone number| Email | City, ON postal code | isaacshun.github.io/website

EDUCATION

Candidate for Bachelor of Mathematics / Chartered Professional Accountancy Waterloo, ON
University of Waterloo *Sep 2020 – Present*

- **Specialization:** Mathematical Finance
- **GPA:** 3.87
- **Competitions:** Waterloo EY Challenge (Semi-Finalist), UWAC accounting case competition (Semi-Finalist), University of Waterloo CPA competition, TO-Hacks

WORK EXPERIENCE

Freelance Waterloo, ON
Bookkeeper *Mar 2020 - Oct 2020*

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

SoftnComfy Waterloo, ON
Founder *May 2020 - Oct 2020*

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

LEADERSHIP EXPERIENCE

University of Waterloo Finance Association Waterloo, ON
Market Research Analyst *Jan 2021 - Present*

- Utilized R and python to analyze financial and economic data
- Collaborated with a Market Research Analyst partner to produce bi-weekly market research reports

UW Financial Technology Club Waterloo, ON
Technology Director *Sep 2020 - Present*

- Managed the website creation with HTML, CSS, JS
- Perform UX design for the upcoming UW Fintech virtual conference with React

PROJECTS

Alpaca Trading Algorithm | *Python* *Mar 2021 - Present*

- An in-progress algorithm that uses statistical arbitrage to exploit price inefficiencies
- Developed in Python using alpaca_trade_api, statsmodels.api, yfinance, pyfinance, NumPy, and pandas

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

ADDITIONAL INFORMATION

- **Skills:** Microsoft Office (Working Proficiency), Data analytics, Object Oriented Programming, Bookkeeping
- **Programming Languages:** Python, R, HTML/CSS, JavaScript, Racket
- **Languages:** English (Native), Cantonese (Native), Mandarin (Professional), French (Elementary Proficiency)
- **Certifications:** Google Advanced Analytics, Bloomberg BMC, Canadian Securities Course