EDDIE SHIN

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EDUCATION

Honors Bachelor of Science in Computer Science and Statistics   Sep. 2018 – Apr. 2023 (Expected)
University of Toronto Scarborough, Scarborough, ON
- <u>Relevant Coursework</u>: Software Design, Data Structures Design and Analysis, Introduction to Probability, Introduction to Statistics, Linear Algebra II, Calculus of Several Variables I, Calculus of Several Variables II

Bachelor of Commerce in Accounting and Economics   Sep. 2009 - Jun. 2014
University of British Columbia, Vancouver, BC

SIDE PROJECTS

PyQuant | **Python**
- Developed a Command Line Interface (CLI) investment tool to access portfolio accounts in Questrade.
- Implemented quantitative asset allocation algorithms for historical back-testing and automatic rebalancing.
- Simplified portfolio checking process by establishing an instant access to summaries of investing accounts through Questrade API.

PyTrader | **Python**
- Developed a trading bot which works with Oanda API to retrieve FX market data and automatically place orders.
- Implemented systematic trading algorithms in codes and deployed them in a Google Cloud VM for automation.
- Aimed to offer round-the-clock monitoring of the markets and optimal trades without human errors.

Tip Calculator | **Kotlin**
- Developed an interactive command shell in Java as a final course project of CSCB07 (Software Design).
- Applied software design principles to come up with a good code design for maintainability and scalability.

My Maps | **Kotlin**
- Developed an interactive command shell in Java as a final course project of CSCB07 (Software Design).
- Applied software design principles to come up with a good code design for maintainability and scalability.
- Managed SCRUM meetings and team discussions to help teammates stay on track with the development process.

Yelp Clone | **Kotlin**
- Developed an interactive command shell in Java as a final course project of CSCB07 (Software Design).
- Applied software design principles to come up with a good code design for maintainability and scalability.
- Managed scrum meetings and team discussions to help teammates stay on track with the development process.

JShell | **Java**
- Developed an interactive Command Line Interface shell in Java as a final course project of CSCB07 (Software Design) by applying software design principles for maintainability and scalability.
- Managed scrum meetings and team discussions to help teammates stay on track with the development process.

Galaxy Fighter | **Python**
- Developed a shooting game in Python, using functions provided in the pygame library.
- Applied Object-Oriented Programming (OOP) concepts to create a maintainable, adaptable, and extendable code base and to manage various components of the game more easily.

WORK EXPERIENCE

Corporate Finance Manager   Sep. 2017 - Jan. 2018
Bell Canada, Mississauga, ON
- Performed monthly expense settlement tasks on Bell Mobility division accounts to record accounting journal entries and inform senior managers of any variances against pre-determined budget figures.
- Analyzed performances of offline Bell stores across Canada using various analytic factors to identify under-performing stores for restructuring or permanent closure.

Discretionary Futures Trader   Nov. 2015 - Mar. 2017
Nymbus Capital, Montreal, QC
- Traded 10-Yrs Government of Canada Bond Futures (CGB) in TMX by identifying intraday trading opportunities.
- Researched various discretionary trading strategies to improve market timing and maximize intraday profits.

Trading Intern   Sep. 2014 – Dec. 2014
Amplify Trading, London, United Kingdom
- Learned theoretical basics of futures markets and correlations between different assets for discretionary intraday futures trading.
- Presented fundamental news summary and potential trading setups to a group of full-time traders and interns every morning and reviewed executed trades at the close of market for peer feedback.