# EDDIE SHIN

[LinkedIn](#) | [GitHub](#) | [Page](#) | [eshinhw@gmail.com](mailto:eshinhw@gmail.com) | (647)-993-3081

## 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.