

# Khashayar Zarekarizi

Email: [Khashayar\\_zk@outlook.com](mailto:Khashayar_zk@outlook.com) | Tel: (613) 413-9543 | [GitHub](#) | [LinkedIn](#) | Location: Toronto, ON- Able to relocate

---

## Education

**Carleton University, Bachelor of Economics (Honours), Specialization in Financial Economics** Graduation: April 2024

Relevant Courses: Calculus, Econometrics, Research Economics, Honours Project, Investments, Measurement Econ., Finance

**Licenses and Certifications:** Data Science with Python- CS109 (Harvard University) | Introduction to SQL (Davidson

College) | Data Visualizations and Dashboards in Tableau(RIT) | Credit and Risk Analysis Professional Certificate

(NYIF)| Mergers and Acquisitions Professional Certificate(NYIF)|Bloomberg Market Concepts(BMC)|G2 Driving license

**Extracurriculars:** Soccer and Volleyball Intramurals (2019- 2024), CU Economics Society, Chess Club, Powerlifting Club

## Projects

---

**Forecast of the Income of Canadian Graduates using Machine Learning Techniques- [Github](#)**

- Forecast model of grad's Incomes based on multiple variables, Extract, transform and load(ETL) 2 cohorts of the National Graduates Survey( 25000 observations), Used multiple statistical analysis and visualization libraries on Python
- including OLS regressions, kNN regressions, correlation heatmaps, heteroskedasticity tests, Lasso, Bootstraps weights

**The Impact of Financial Development and Structure on GDP Growth- [Github](#)**

- Macroeconomic research Analysis conducted using advance statistical analysis utilizing Stata and world bank data
- Tasks included wrangling Panel data( 152 countries over 50 years), Regression analysis( FE and RE), Hypothesis testing

**Financial Valuation Case Study of Home Depot( \$HD)- [Github](#)**

- Conducted comprehensive financial analysis, including DCF and relative valuation of \$HD using financial statements
- determined intrinsic value. Analyzed annual reports, assessed Free Cash Flows, and presented the finding's report

**Adventure Works Database Analysis for a B2B Supplier Store- [Github](#)**

- Final project for SQL certification, Worked with a database to perform various practical tasks for supply analytics

## Skills

- 
- **Technical:** Proficient in Python, SQL( PostgreSQL), Excel( VBA, Macros), MS Office, Tableau, Bloomberg, Stata
  - **Statistical Analysis:** Panel and time-series databases using advanced Econometrics and Machine learning such as regression analysis, random forests, normalization, cross validation, hypothesis testing, nonparametric models( kNN)
  - **Economics:** Financial, Trade and Labor economics, Cost-Benefit analysis, Optimizations, Supply and Demand Analysis
  - **Finance:** Financial Statement Analysis, Credit and Risk Management, Derivatives, Corporate Finance and Valuations
  - **Accounting:** Familiar with IFRS, ASPE, Tax preparation and audit principles through elective courses taken in accounting
  - **Communication:** Fluent in English, Persian, intermediate Spanish, able to build relationships and present effectively

## Employment

---

**Freelance Driver, SkiptheDishes, Ontario Sep 2022 - Sep 2024**

- Managed 750+ orders, maintaining a 93% positive review rating. Dependent and Able to work with minimal supervision

**Camp Counsellor, Stem Camp, Newmarket, Ontario May 2021 - Sep 2021**

- Coordinated activities with a group of university students, demonstrating communication and leadership abilities

**Line Cook, Jack Astor's, Newmarket, Ontario May 2022 - Sep 2022**

- Efficiently fulfilled customer requests in a team, showcasing time management and teamwork skills

**Receptionist, Aqua-Pro Pools and Hot-tubs, Newmarket, Ontario May 2020 - Sep 2020**

- Provided adept customer service and appointment setting, showcasing strong interpersonal and organizational skills

**McDonalds, Customer Service Representative, Newmarket, Ontario, Sep 2018- Jan 2020**



