

# MD ABRAR NASIR

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## EXPERIENCES

### Founder & Principal Tutor

#### Abrar Nasir Academy

September 2020 – Present Dhaka, Bangladesh

- Tutoring Economics, Mathematics and Physics to batches of A Level students
- Providing academic and career counselling to high-school seniors
- Aiding students with college admission essay writing

### Director of Finance

#### Bangladeshi Students' Association at UofT

May 2020 – Present Toronto, ON, Canada

- Financial planning and budgeting for social events, projects and charities
- Book-keeping and designing sponsorship and grant application packages

### Night Auditor

#### Victoria University at the University of Toronto

March 2020 – August 2020 Toronto, ON, Canada

- Audited revenue transactions to match system-payment trails
- Produced banking slips and other relevant financial statements such as POS summary, daily financial recaps etc
- Managed student accommodation database using StarRez

### Sales and Marketing Intern

#### Spark International

Dec 2018 – August 2019 Dhaka, Bangladesh

- Analyzed sales data to develop forecasts using Microsoft Excel and VBA
- Proposed sales improvement strategies
- Implemented SEO skills to drive traffic to company website

## EDUCATION

### Honors Bachelor of Science

#### University of Toronto - St. George Campus

September 2019 – June 2023

Major in Economics with a Focus in Data Analytics  
Minors in Mathematics and Statistics

## SKILLS

- Python, R, VBA, SQL, Figma, HTML, CSS
- Data analysis, financial modelling, optimisation, product design

## HONORS & AWARDS

- Outstanding International Student Award, UBC (2019)
- Runner-up, Scholastica Business Summit II (2019)
- The Daily Star Award (2017, 2019)
- Outstanding Performance in Athletics, Sunnydale (2017)
- 2nd Position, Sunnydale Science & Mathematics Olympiad (2016)

## PROJECTS

### Currency Converter

- Built with VBA on Microsoft Excel, the application uses real-time exchange rates scraped from Yahoo! Finance to convert money figures from one currency to another

### Loan Amortization Calculator

- Taking in initial loan amount, loan life and interest rate data, the application generates a table of monthly payments and a complete breakdown of cash flow. UI designed with UserForm in Microsoft Excel, the system is based on VBA.

### Analysis of House Sales Price in King County, USA

- The project (in progress) examines the correlation between prices of houses in King County and variates such as location, climate, property size etc., using methods of real-world, dynamic data analysis such as visualization, web-scraping, mapping and statistics.
- Tools used: Python (NumPy, pandas, JSON, Matplotlib, BeautifulSoup, TensorFlow, NLTK, scikit-learn), Git, LaTeX, Microsoft Excel

### EDA on Toronto Traffic Collisions

- The exploratory data analysis done using R and R Markdown, and packages such open-datatoronto, tidyverse and ggplot2, explores the statistics of traffic collision in Toronto between 2014 and 2019. Time-series analysis by means of visualisations has also been implemented.

## LEADERSHIP WORKS

- Victoria College Orientation Leader (2020)
- Co-organiser & Assistant Judge, Hack the Valley 4 (2020)
- Co-founder and President, Sunnydale French Club (2017 – 2019)
- Under-Secretary-General, Sunnydale MUN Association (2019)
- Head of Operations, Glucose – A Charity (2018)