Brashan **Mohanakumar**

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Objective

Enthusiastic, teamwork-oriented, and proactive computer science and finance student bringing strong analytical and technical skills to help the company and clients achieve their goals. Enjoys tackling complex challenges, collaborating in a team environment, self-learning, and developing creative approaches to data science problems. Seeking a Co-op position in a forward-moving company.

Education

University of Waterloo Sept 2021 – April 2026
Bachelor of Computing and Financial Management (Double Major in Computer Science and Finance)

Skills

Languages: Python, SQL, HTML, CSS, JavaScript, C, Racket
Technologies: NumPy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-Learn, Spark
Proficiency in Office Tools: Outlook, Teams, Word, Excel & PowerPoint

Professional Experience

Digital Photo Lab Ontario, Canada
Sales and Cash Associate June 2019 – July 2021

- Successfully handled regular transactions for credit cards, debit cards, gift cards, mobile payments, and cash
- Developed personal communication skills with customers on a regular basis
- Assisted in supervising and training new employees

Private Ontario, Canada
Private Programming Tutor September 2020 – May 2021

- Taught high school students who were struggling with learning computer science over Zoom calls and/or in-person meetings

Projects

Personal Website
HTML, CSS

- Developed a responsive & performant e-portfolio web application from scratch with HTML & CSS

Sports Analytics Portfolio
Python, NumPy, Pandas, Seaborn, Matplotlib, Plotly

- Created a portfolio of detailed sports analytic reports that analyze and visualize team and player statistics using an NBA api

Stock Portfolio Creator (Group Project)
Python, NumPy, Pandas, Yahoo Finance

- Dynamically selects a portfolio of risky S&P 500 stocks without any human intervention by analyzing data imported from Yahoo Finance using libraries such as Pandas & NumPy