Ian **Ramzy**

SOFTWARE ENGINEER · UNIVERSITY OF WATERLOO · COMPUTER SCIENCE MAJOR

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About Me

Programming   Python, Java, C, ActionScript, Racket, LaTeX, Git

Web/Media   Flask, HTML/CSS/JavaScript, Photoshop, FinalCut Pro X

Education

University of Waterloo
Waterloo, Ontario

B.C.S. IN HONOURS COMPUTER SCIENCE
Sept. 2018 - Exp. Apr. 2023

- Cumulative Average: A
- Michael Egan Scholarship in Computer Science
- President's Scholarship of Distinction

Kingston Collegiate Vocational Institute
Kingston, Ontario

HIGHSCHOOL DIPLOMA
Sept. 2014 - Jun. 2018

- Cumulative Average: 97 % IB Program
- Computer science award grades: 10-12, LDSB Achievement of Excellence Award, Ontario Scholar Award, Honour Roll
- DECA, Math club, Swimming, Track and Field, Cross Country, Model UN

Work Experience

Boulianne Properties
Delaware, U.S.A.

JUNIOR CONTRACTOR AND PROJECT MANAGER
Summer 2018

- Planned and coordinated daily and weekly objectives while working on a construction team
- Worked effectively as a team leader in high-stress environments,
- Made key financial and time decisions keeping projects on time and on budget

Sydenham Lake Canoe Club
Sydenham, Ontario

COMPETITIVE KAYAKING COACH
Summer 2017, Summer 2016

- Planned and programmed team workouts while managing a team for 6 hours a day
- Head coach at Canadian nationals and multi-day provincial competitions

Kingston Striders Speed Skating Club
Kingston, Ontario

SPEED SKATING COACH
Fall-Winter 2018, Fall-Winter 2017

- Programmed and ran workouts for 20+ individuals also coaching at regional competitions
- Worked well with a team of other coaches to build athletes performance

Projects & Competitions

DECA Stock Market Competition - 7th in the World
Atlanta, Georgia

- Competed against 4,000+ teams
- Created and managed a virtual portfolio of $100,000
- Pitched my investment company to a panel of judges in multiple rounds

ianramzy.github.io

- Personal website showcasing all of my projects, built from ground up in HTML/CSS/JS
- Used JQuery to process user inputs and fetch projects pane

Stock Sentiment Analysis

- Won best data science project at CAM Hacks
- Web app created with Flask/Python to help traders analyze news surrounding a stock
- Scrapes relevant articles for a given stock off of NASDAQ.com and runs them through a machine learning model
- Outputs a rating representing how negative/positive the articles surrounding a given stock are

Ticker-iQ

- Stock Screener Portfolio Manager written in JavaFX
- Downloads hundreds of data points for a stock in real time and helps users visualize them
- Helps traders by analyzing their current portfolio and providing key metrics for future decisions

Additional Info

Athletics Three-time Canadian National speed skating competitor, Canadian national kayaking competitor and record holder

Investing Managed over $10,000 with a 18% return in 2018

Entrepreneurship Started an apparel company that has done over $1000 revenue

Interests Speed skating, Rock climbing, Machine learning, Securities trading, Trumpet playing