Yves Alikalfic

647-409-3395 | Email | https://www.linkedin.com/in/yves-alikalfic/ | https://github.com/yves-a
https://yves-a.herokuapp.com/

Education

Queen's University   September 2021 — Expected: April 2025
Bachelors of Computing (Honours) in Software Design   *Kingston, ON*
- **Relevant Coursework:** Data Structures, OOP in Java, System Level Programming, Computer Architecture, Software Specificiations
- **Awards:** Dean's Honour List

Projects

Reminiscing Record Player | *React, Node.js, JavaScript, HTML/CSS, Axios, Material UI, CI/CD, GitHub Actions Heroku* June 2022 – Jul
- Developed a web app with over **1,000 page views**, that shows users listening history from Spotify API
- Designed a responsive web application that passes Google's Mobile-Friendly test, and developed to Heroku
- Implemented a CI/CD pipeline that tagged every release and ran through Github Actions

Product Infomration Monitor | *Python, Beautiful Soup, Flask, SQLAlchemy, Multithreading, REST API, MongoDB* February 2021 – Pre
- Engineered a Python program that can handle over **100+ concurrent users**, that allows users to view information about a given product
- Developed a Discord bot that handle numerous requests from different servers, that offers a user interface
- Utilized a REST API to communicate between the user and the SQLAlchemy database

Sorting Algorithm Visualizer | *Python, Pygame*   April 2020 – February 2021
- Built a Python app for visualizing sorting algorithms using Pygame
- Implemented Merge Sort, Bubble Sort, Insertion Sort

Stock Trading Algorithm | *Python, QuantConnect*   September 2020 – April 2021
- Developed a Python trading algorithm that made a **profit of over $90,000** from an investment of $10,000
- Implemented the Short-Term Reversal Trading Strategy through QuantConnect
- Integrated Risk Parity Asset Allocation that minimized risk, that used the Maximum diversification method

Activites

Queen's Tech and Media Assocation   April 2022 - Present
Software Developer   *Kingston, ON*
- Will be working on a product team to develop and launch an application
- Will work as a full-stack devleoper

Queen's Quantitative Anaylsis and Trading Team   September 2021 - March 2021
Team Member   *Toronto, ON*
- Collabareted to product a profitable trading algorithm, alongside a team of five
- Competed against 13 teams at Queen's University
- Lead a research team of two members for Risk Parity Asset Allocation and Maximum diversification

Technical Skills

Programming: Python, Java, JavaScript, TypeScript, HTML/CSS, SQL
Frameworks: React, React Native, Express.js, Flask, Django, Bootstrap, Gin
Technologies: Node.js, REST APIs, GraphQL, SQLAlchemy, MongoDB, MS Office, Selenium, Git, xCode
DevOps: GitHub Actions, CI/CD
Languages: English, French, Bosnian, Croatian, Serbian