Yusuf Nissar

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Skills

Programming:	**JavaScript** (React, React Native, NextJS, Express, Node), HTML/CSS, **SQL**, **Java**
Tools:	Linux, **Shell** (Bash/Zsh), Microsoft Office, Git, MongoDB, Figma, SQL, confluence
Soft Skills:	Time Management, Teamwork, Problem-solving, **Leadership experience**, Communication
Certifications:	Amazon AWS Cloud Practitioner (In progress)

Work Experience

Western Entrepreneurship Association (W5)   *London, Ontario, Canada*
Web Developer   *Apr 2022 - Present*
- Designed and developed the club's official website with **Figma**, **React**, **TailwindCSS** & **HTML/CSS/JS**, reaching **1300+** total visitors
- Created easy to follow documentation to allow non-technical admins to edit and maintain the website far into the future
  `https://github.com/Waldohatesyou/westernentrepreneurship`

Code Ninjas   *Brampton, Ontario, Canada*
Lead Coding Instructor   *Jan 2022 - Apr 2022*
- **Created** several lesson plans for future classes & summer camps teaching coding concepts
- Instructed students ages 8-16 using **Python**, **Lua** & **JavaScript** and assisted students in building projects (cli 2048, calculator, platformer)
- Introduced older students to basic data structures such as **arrays, queues** & **stacks** as well as **time** and **space complexity**

Projects

Pathfinding Visualizer   *Toronto, Canada*
Personal Project   *Dec 2021 - Feb 2022*
- Created an interactive visualization tool using **React** to illustrate commonly used path finding techniques
- Implements life cycle methods to re-render only when necessary, allowing animations to run at 5x faster
  `https://github.com/Waldohatesyou/pathfindingVisualizer`

Loo Locator App: Washroom locator   *Toronto, Canada*
Hackathon Project   *Oct 2022 - Oct 2022*
- Created a **web scraper** to search for data sets of public washrooms across Canada using **Python**
- Developed a mobile app to show the locations of the nearest bathrooms using **React** & **Mapbox API**
  `https://github.com/SippinOnJuiceBox/Loo-Locator-Find-the-nearest-washroom`

Automated Stock Trading Bot   *Toronto, Canada*
Personal Project   *May 2021 - Mar 2022*
- Developed a stock trading bot to initiate a long/short position based on the stock's trend (opening range breakout strategy with **Python**
- Created a **SQL** data base of stock data and web interface to dynamically update the user on portfolio positions
  `https://github.com/Waldohatesyou/Automated-Stock-Trading-App`

Education

University of Western Ontario   *London, Canada*
BSc Computer Science & BA Honours Business Administration   *Sept 2020 - Current*
- CGPA: 3.7/4
- Completed first two years in Computer Science
- Rogers Fmaily Award in Business
- Dean's Honour List (2021)