AVI WALIA

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EDUCATION

Bachelor of Computer Science – Specialist in Data Science   Sept 2022 – May 2026
University of Toronto, Toronto, ON
<u>Relevant courses:</u> Data Science, Probability and Statistics I and II, Software Design, Software Tools and Systems Programming, Multivariable Calculus with Proofs, Linear Algebra, Theory of Computation

Python 3 Programming Specialization   July – Aug 2020
University of Michigan through Coursera

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, R, HTML, CSS
Frameworks and Libraries: React, Flask, Spring Boot, Pandas, NumPy, Scikit-Learn

EXPERIENCE

Co-op Full-Stack Developer   May – Aug 2023
Third Eye Solutions Inc.
- Updated their client-facing application using Javascript, HTML, and CSS to improve user experience and add new features.
- Created e-signature application using Java Spring Boot and Apache Maven
- Wrote Linux and Powershell scripts to maintain servers and machines.
- **Tech Stack:** Java, JavaScript, Oracle SQL Developer, Spring Boot, Apache Maven.

PROJECTS

Spotify Media Manager   Oct – Sept 2023
- Spotify spoof that allows users to control their Spotify playback on any device
- Made requests to Spotify API using OkHttp and OAuth 2.0 Authentication Code Flow to authenticate users
- Created using Java and GUI using Java Swing

UofT Lost and Found App   Nov 2022
- Created a Lost and Found web app for UofT students.
- Utilized React and CSS to create the web app.
- User information and posts were stored using Google Cloud Platform Firestore.

Maze DFS Solver   Apr – May 2023
- Program that creates mazes using graphs and nodes and solves them using recursion and DFS algorithm
- Project is created using Python and the front end is programmed using the PyGame library

HONOURS/AWARDS

- 2023 Dean's List Scholar – University of Toronto
- Florence Louisa Cody Memorial Scholarship Winner – University of Toronto
- 2022 UofTCTF Ethical Hacking Competition – Top 10 finish
- Award for Excellence in Computer Science – YRDSB

EXTRA-CURRICULARS

- UTSG Computer Science Student Union Member - University of Toronto
- Google Developer Student Club Member – University of Toronto
- Computer Science Volunteer Tutor
- Athlete – Intramural Sports Team - Basketball and Volleyball