Lieth Shehadeh

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Education

York University, Honours Bachelor of Science in Computer Science   *Expected December 2024*
- **4th year**
- **Courses**: Software Design, Design and Analysis of Algorithms, Database Systems, Data Mining, Artificial Intelligence and Logic Programming, Advanced Object-Oriented Programming, Professional Practice in Computing, Operating System Fundamentals, and Machine Learning and Pattern Recognition

Experience

Mondelēz International, Maintenance Intern – 4 months   *January 2024 – Present*
- Currently working on updating the **SAP database** standards, as well as the reorganization of the **equipment tree**.
- Relabeling of equipment on **AutoCAD models** as well as relabeling physical equipment.
- Ensuring all members of the maintenance team are trained and up to date on the new **SAP structure**.
- Used: **SAP, AutoCAD, Excel**

MacEwan University, Software Developer Intern – 4 months   *July 2023 – September 2023*
- Worked along side 3 other departments on an educational tool for **Professor Sherif Elbarrad**.
- Designed a database system to store data and built preventative **measures against SQL Injection**.
- Created an algorithm to **speed up data generation by 10x** without hindering user experience.
- Used: **ReactJS, Python, MeteorJS, SQL, FastAPI**

eWorx Technology, Software Developer Intern – 6 months   *February 2023 – July 2023*
- Developed a tool which **generates datasets** for an educational web application along side 3 other groups.
- Redesigned the web application, eliminating redundant code, **reducing the complexity by 60%**, and making it much more **modular and professional** for future workers.
- Integrated the tool into the database and portal while **testing and bug fixing**.
- Used: **JavaScript, ReactJS, MongoDB, Python, MeteorJS, Django, SQL, FastAPI**

Fossil, Retail Associate   *May 2022 – February 2023 | November 2023 – January 2024*
- Repaired watches and sold accessories such as watches, bags, and jewelry to 100+ customers a day.
- Had to communicate with coworkers to ensure all sales and services went smoothly.

Projects

MazeSolve | Python
- A **Python** application that uses a slightly modified version of the **pyamaze** library to visually demonstrate maze-solving algorithms. Currently demonstrates DFS and soon to add 3+ more algorithms for comparison.

MyMovieList | Python, Flask, HTML, CSS, SQL
- Using **SQL and Python** to scrape data and give the user access to **1M+ movies** from the **IMDB** database. Proving the user with the ability to save the movie information and their opinion on it safely for future reference.

Attack on Titan Tribute Game 2 | Unity, C#, Git
- A volunteer-based community project which aims to polish and update the original discontinued open-source game developed by Feng Lee **Attack on Titan Tribute Game (2M+ downloads).**

Skills

Languages: Python, Java, JavaScript, HTML, CSS, SQL, C#, C++, C, Bash, and Verilog

Tools: Flask, SQLite, MySQL, MongoDB, Git, ReactJS, MeteorJS, Django, FastAPI, SAP, and AutoCAD