AVIN LANSON THARAKAN

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EDUCATION

Bachelor of Applied Science, Honors Computer Science,
McMaster University, Hamilton ON,
Graduation Year: 2024

- Achieved a **cumulative GPA of 3.7/4**, placing me on the **Deans' Honor List**

Languages: Python, C, JavaScript, Java, HTML, CSS, MySQL

Frameworks: Angular, React, Express, Node

Dev Tools: Linux, Git, VS Code, Jira

Soft Skills: Quick Learner, Teamwork, Communication, Friendly, Reliable

WORK EXPERIENCE

Full Stack Dev at University Start-Up AMIMA: **May 2022 – June 2022**

- Created a website with team, that combines attributes from social media and customer reviews to improve customer satisfaction with products **https://amimalive.com**
- Utilized **Angular** framework and used HTML/CSS/Typescript to create website.
- Developed/debugged **APIs** and gained experience using **MongoDB**.
- Collaborated with team members to implement new features using **Jira** to manage **Agile** workflow.
- Held weekly **stand ups** to discuss progress/bugs/improvements to optimize efficiency.
- Created social media accounts and posters to **market** our app on campus and online while engaging with audience

PROJECTS

Employee Management Website: **Dec 2022**

- Created CRUD-based application that manages employee records.
- Implemented the front-end using **React.js** and styled to have modern look using CSS.
- Hosted the back-end on an **Express server** using **Node.js** and used a local **MySQL** database to store records.

Sorting Visualizer: **October 2022**

- Utilized **React.js**/**JavaScript**/**CSS** to build application that showcases different sorting algorithms.
- Implemented Insertion sort, Bubble sort, Selection sort and Merge sort.

EXTRACURRICULAR ACTIVITIES

- **Tutor/Mentor:** Mentored students for Science and Math courses in High School. Was able to help mentee attain better grades in all subjects through clear explanations and consistent classes.
- **McMaster Engineering Student Ambassador**: I assist future students with queries they may have about McMaster by providing them with all the resources they need in a timely and professional manner. Also involved in making supplementary application for future students.
- **McMaster Engineering Culture Society**: Leveraged my excellent soft skills to work with my team to manage and organize various events and activities for students to socialize and carry-on McMaster traditions