



AVIN LANSON THARAKAN

 tharakaa@mcmaster.ca
 linkedin.com/in/avintharakan
 github.com/AvinLT
 avinlt/portfolio.io

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, Java, JavaScript, MySQL
HTML, CSS, Haskell

Frameworks: Angular, React, Express

Dev Tools: Node.js, MongoDB, Jira, Linux, Git, VS Code

Courses: Data Structures and Algorithms, Software Testing, Software Requirements, Databases, Concurrency

STARTUP PROJECT EXPERIENCE

Full Stack Dev at Start-Up Project AMIMA:

May 2022 – June 2022

- Created a website with the 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 **REST 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 the audience

PROJECTS

TimeToken | *Prizewinner at Delta Hackathon IX*

Jan 2023

- Developed a study aid application that incentivizes users with uniquely generated NFTs, utilizing a combination of React.js, Tailwind, **Django**, **SQLite**
- Collaborated with teammates throughout the development process and utilized **third-party API** to mint NFTs onto the Goerli blockchain. <https://devpost.com/software/pomodoronft>

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** with **Node.js** and used 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.

Responsive Portfolio Website

Dec 2022

- Created a fully responsive portfolio website using **React** to showcase portfolio.
- Integrated the website with third-party API and React components to improve maintainability.

EXTRACURRICULAR ACTIVITIES

- Freelance 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 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.