LOUIS DOAN

519-897-7467 | doanl7@mcmaster.ca | louisdoan.com | github.com/louisdoan9 | linkedin.com/in/louisdoan9

EDUCATION

McMaster University   Hamilton, ON
Bachelor of Applied Science in Computer Science, Minor in Sociology; 3.54/4.0 GPA   Sept. 2021 – April 2025

EXPERIENCE

Program Coordinator   February 2020 – April 2020
Stemotics   Cambridge, ON
- Assisted with teaching children ages 6-14 the basics of programming
- Adapted to a high-paced environment and quicky learned new technologies being used
- Created lesson plans for students to follow that is still being used as of 2023

PROJECTS

Premier Ease | React, SASS, Express, MongoDB   May 2023 – Jul 2023
- Developed a full-stack web application that displays latest information on the English Premier League
- Created frontend with React that clearly displays up-to-date data retrieved from the database
- Created backend with Express that fetches and stores data from external APIs in a MongoDB database

OffCampus McMaster Clone | React, SASS, Express, MongoDB   Jun 2022 – Jul 2023
- Developed a full-stack web application that allows users to create and search ad postings for properties
- Created frontend with React that allows users to post new ads and search pre-existing ones
- Created backend with Express that stores and retrieves property data in a MongoDB database
- Used the Leaflet library to create maps displaying the location of the property

BlabberBox | React, SASS, Supabase   May 2023 – Jul 2023
- Developed a full-stack web application that allows users to create and join chat rooms
- Created frontend with React that allows users to join and send messages to chat rooms
- Uses Supabase to store and fetch user and chatroom data in real-time

Treeter | React, SASS, Express, MongoDB   Jul 2022 – Jul 2023
- Developed a full-stack web application similar to Twitter
- Created frontend with React that allows users to view, create, like and comment on posts
- Implemented features such as liking posts, counting number of views a post got, and comment chaining
- Created backend with Express that stores and retrieves data on users, posts, and comments

2DO | HTML/CSS, JavaScript   May 2022 – Aug 2022
- Developed a web application that allows users create projects and tasks under each project
- Created JavaScript functions that create elements for or manipulate the DOM
- Stored projects in localStorage and fetch on page load

Etch-A-Sketch | HTML/CSS, JavaScript   Feb 2022 – Mar 2022
- Created an "Etch-a-Sketch"-like canvas, where squares are coloured in when hovered over
- Implemented functions that create the canvas based on number of squares set by the user
- Implemented functions that colour in the squares based on selected colour

BattleShip | HTML/CSS, JavaScript, Jest   May 2022 – Aug 2022
- Developed a web application that allows user to play a game of "Battleship" against CPU
- Created classes for overall game and board that handles game logic like placing ships and firing at enemy board
- Tested board creation and game logic using Jest

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, SQL, Java, Python
Frameworks: TypeScript, SASS, React, Express
Developer Tools: Git, GitHub, MongoDB, Supabase, Jest, Cloudinary, Leaflet