

Ali Almaamouri

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Skills

Languages: Javascript, Python, C/C++, C#, HTML/CSS, Lua, Turing

Frameworks: React, Node.js, Firebase, Bootstrap

Developer Tools: Git, VS Code, Vite, Eclipse, Unity, Blender, Godot, 3D Slicer, FSL

Libraries: Tailwind, Axios, Pytube, TKinter, Express.js

Education

Bachelor of Computer Science Honours Computer Science Co-op

Sep 2023 - May 2027

University of Windsor • Windsor, ON

Experience

Frontend Developer

Sep 2024 - Present

Glendor Inc • Remote

- Improved analytical, presentation and documentation skills by presenting findings every weekly meeting via Skype call along with other team members
- Boosted efficiency by developing a **bash** script automating conversion of over **200** NIfTI files into Wavefront .obj files
- Construct interactive visualizations of reconstructed faces from brain MRI's and CT scans
- Integrated open-source software 3D Slicer and FSL to pinpoint differences before and after defacing

Software Developer

Jun 2024 - Present

UWindsor Computer Science Society • Windsor, ON

- Increased throughput by serving **1000+** students by implementing new features to the **React**-based website
- Play a significant role in training an AI chat bot by automating information scraping from over **60+** related courses to feed the AI bot
- Successfully collaborated in an agile team environment to maintain the CSS website while solving **Git** issues
- Gain significant experience utilizing **GitHub** to share and update changes to code base

Robot Programmer

Sep 2022 - Apr 2023

FIRST Robotics, Kennedy Collegiate Institute • Windsor, ON

- Developed robot mechanics using **Java** with the RoboRIO embedded controller
- Assisted team during competitions by helping gain **10** game wins
- Collaborated and conveyed with team members to point out weak points and insure goals are met
- Explored ways to solve technical issues and debug errors in code

Projects

Movies2Watch

Aug 2024 - Aug 2024

Javascript, Vite, React, Tailwind, TMDb API • Windsor, ON

- Got the TMDb API to be able to display over **900,000+** movies to search from
- Engineered website with **React-Router** to handle client-sided routing increasing efficiency of website by **60%**
- Implemented features such as categories to search movies from, as well as keyword search

YouTube Downloader

Aug 2023 - Aug 2023

Python, PyTube, TKinter, Git • Windsor, ON

- Created a **Python** application used to download video and audio streams from YouTube using the **PyTube** package
- Made downloading audio and videos streams **2x** faster and more convenient
- Designed a straightforward application by using **TKinter** to create user interface

Reactive Chat App

Aug 2023 - Aug 2023

Javascript, Node.js, React, Firebase, Github-Pages • Windsor, ON

- Developed a reliable full-stack web application by leveraging **Firebase** cloud functions with a **100%** server up-time
- Implemented user authentication allowing users to sign in with Google, by using Firestore
- Designed real-time chat functionality using **Firebase**'s real-time data synchronization

RoHoot!

Jun 2023 - Jun 2023

Lua, Roblox Studio, TriviaAPI

- Made a Kahoot-like trivia competition game utilizing TriviaAPI and implemented real-time multiplayer question game to play with friends
- Added ability to choose from **25+** different topics and difficulties to play on
- Increased proficiency in **HTTP requests** and responses, as well as JSON formatting