

# Ali Almaamouri

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## EDUCATION

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### University of Windsor

*Bachelor in Computer Science (Applied Computing)*

Windsor, ON

Sept. 2023 – May 2027

## EXPERIENCE

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### Software Developer

*UWindsor Computer Science Society*

June 2024 – Present

*University of Windsor*

- Help maintain the CSS website and Discord bot using the Discord.js library
- Played a significant role in training the AI chatbot used for taking student inquiries on the wiki
- Added and implemented new features to the React-based website
- Gained significant experience utilizing Github to share and updating changes to the code base

### IT Manager

*Iraqi BANTZ*

May 2024 – Present

*Remote*

- Programmed Several Discord Bots for the community server and familiarized myself with the Discord API
- Integrated Discord Bots with API's such as the TMDb API for fetching upcoming movies
- Successfully provided maintenance for the existing code bases
- Held responsibility for the safety and security of the community server

### Robot Programmer

*FIRST Robotics, Kennedy Collegiate Institute*

Sept 2022 – April 2023

*Windsor ON*

- Developed the Robot mechanics using JAVA with the RoboRIO embedded controller
- Collaborated with team members to insure goals are successfully met
- Explored way to solve technical issues and debugging errors in code
- Communicated effectively with team members to point out weak points in the project

## PROJECTS

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### Movies2Watch | Javascript, Vite, React, Tailwind, TMBD API

August 2024 – Present

- Was able to use an API to be able to display over 900,000+ movies to search from
- Created a website using the React framework with the TailwindCSS library for styles
- Made different categories to search movies from, as well as a keyword search feature
- Deployed the site with the Vercel platform

### YouTube Downloader | Python, PyTube, TKinter, Git

August 2023 – Present

- Created a useful Python application used to download video and audio streams from YouTube using the PyTube package
- Used the TKinter Python library to create the User Interface
- Uploaded the application to the GitHub Repository using Git

### Reactive Chat App | Javascript, Nodejs, React, Firebase, Github-Pages

August 2023 – September 2023

- Developed a full-stack web application using Nodejs serving a Firebase API with the React library as the front-end
- Implemented Google Authentication to sign in and out of the app
- Created real-time chat functionality using Firebase
- Used GitHub Pages to deploy the website

### RoHoot! | Lua, Roblox Studio, TriviaAPI

June 2023 – August 2023

- Made a Kahoot-like trivia competition game using TriviaAPI
- Implemented a real-time multiplayer question game to play with friends
- Made where you can choose from 25+ different topics and difficulties to play on
- Increased Proficiency in HTTP requests and responses, as well as JSON formatting

## TECHNICAL SKILLS

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**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

**Libraries:** Tailwindcss, Firestore, Axios, Pytube, TKinter, Express.js,