JOSH FRIEDMAN

Second Year @ Queen's University (B.A.Sc. Computer Engineering)

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Education

Queen's University (B.A.Sc. in Computer Engineering, Innovation Stream)   2021 - Present
Kingston, Ontario   *GPA: 4.13/4.3*
- Principal's Scholarship
- Dean's Scholar

William Lyon Mackenzie C.I. (MaCS Program)   2017 - 2021
Toronto, Ontario   *Avg: 97%*

Technical Skills

Languages: HTML (4 years), CSS (4 years), JavaScript (6 years), Java (4 years)
Frameworks: React (2 years), NodeJS (5 years), Flutter (2 years)
Technologies: WordPress (2 years), Git (2 years), Firebase (4 years), Linux (3 years

Experience

Faculty of Engineering and Applied Science   September 2022 - Present
Web Migration Member   *Kingston, Ontario*
- Migrated over 30 pages of content into the new Faculty website using CascadeCMS
- Took design initiative on over 10 landing pages
- I was chosen as a team lead to mentor other team members and help with design decisions and technical difficulties

Engineering Society Software Development Team   September 2022 - Present
Team Manager   *Kingston, Ontario*
- Led 3 separate project teams totalling 15 engineers
- Ensured clear project requirements were set
- Implemented a clear project management structure using Notion and Slack to ensure each team member contributed and their learning was supported by others

Engineering Society Software Development Team   September 2021 - April 2022
Mobile Development Team Member   *Kingston, Ontario*
- Created a Tinder-style app to help students find housemates using Flutter
- Worked with a Firebase database to search and filter users based on a user's saved preferences
- Created an interactive front-end swiping page

Incendium Academy

Web Developer

October 2020 - September 2021

Toronto, Ontario

- Designed and programmed a front-end website using vanilla HTML/CSS/JS while maintaining good SEO and mobile-friendly practices
- Structured and programmed a back-end database to store user data and lesson content

One Stop Therapy

Web Developer

June 2020 - August 2020

Vancouver, British Columbia

- Worked closely with 8+ therapists on the website providing technical support and updating their profiles
- Implemented site-wide search using PHP
- Updated over 16 pages the WordPress site which had over 5000+ monthly viewers

Projects

Iris

A live transcription and translation tool for lecturers. Backend made using Python, WebSockets, Google Translate API and AssemblyAI's API. Frontend made with React and React Router. Made during the QHacks 2022 hackathon.

Jumper

A platform jumper game that has a new challenge each day. Daily global leaderboard shows usernames with the highest score. Built with Vanilla HTML/CSS, Babel, and using Google Datastore.

JARVIS Discord Bot

A multi-purpose discord bot made using Discord.js. Was used on 2500+ servers!