

# Nessim Yohros

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## EDUCATION

**Washington University in St. Louis, College of Arts and Sciences** - Cumulative GPA: 3.94

St. Louis, Missouri

*Bachelor of Science, Computer Science*

August 2023 – May 2027

**Honors/Awards:** Dean's List

**Relevant Coursework:** Calculus I, Calculus II, Data Structures and Algorithms, Intro to Computer Science

## EXPERIENCE

**CSE 131: Introduction to Computer Science**

St. Louis, Missouri

*Teacher's Assistant*

January 2024 – Present

- Led weekly studio session groups assisting 80 students with programming exercises, improving class average by 10%.
- Assisted the professor in answering questions during and after lectures, providing guidelines on assignments and class structure.
- Held office hours twice a week providing personalized support on coursework, programming concepts, and exam preparation.
- Attended training and grading workshops, refining teaching techniques and assessment strategies.

**HackWashU**

St. Louis, Missouri

*Participant*

October 2023 – Present

- Collaborated with a group of novice programmers to create an application that displays detailed information of events near a user.
- Focused on the frontend portion of the project, managing API requests from EventBrite and designing the user interface.
- Participated in club learning activities to become familiar with using APIs and frameworks.

**ColorStack**

St. Louis, Missouri

*Member*

August 2023 – Present

- Attended info sessions hosted by leading technology corporations to network and explore software engineering opportunities.
- Explored various roles within the field of computer science, gaining insights on career specialization and development.
- Participated in monthly meetings to discuss emerging opportunities in the STEM field and to workshop resumes.

## PROJECTS

**LanguageBuddy** | *React, Node.js, Express, Mantine, Git*

March 2024 – April 2024

- Developed a language-learning application with express and Node.js serving a translator API to a React-based frontend.
- Designed interactive features such as sentence generation/translation using OpenAI API to enhance user engagement.
- Linked sentences users struggled translating using flashcards which persisted in local storage.
- Utilized Mantine to create modern frontend components, improving the application's aesthetics and user experience.

**OWdle** | *React, React Query, Mantine, Supabase, Git*

May 2024 – June 2024

- Built a Wordle application with extensive features based on the popular video game Overwatch.
- Created an authentication system using Supabase to retrieve user data such as game history, statistics, and leaderboard rankings.
- Implemented a frontend using React to handle API requests for character data, form submissions, and UI components from Mantine.
- Leveraged React Query for optimal data fetching of game history and user information to handle stale data and side effects.

**Friends360** | *React, Node.js, Express, MongoDB, React Query, Mantine, Git*

June 2024 – Present

- Programmed a full-stack web platform for friend group map-tracking, plan making, and messaging.
- Used MongoDB to model friend groups, conversations, and user data, supplemented by react query for client-side data storage.
- Tracked location and distance of users and plans on a map using google maps API.
- Integrated the Stream API for instant messaging among groups with long term data being persisted in MongoDB.

**Other Affiliations:** Aventura Food Bank volunteer, Little Haiti community volunteer, Surfside building collapse volunteer

## SKILLS & INTERESTS

**Languages:** JavaScript, Java, HTML, CSS

**Frameworks:** Node.js, Express.js

**Developer Tools:** VS Code, Eclipse, MongoDB, Git, Postman, JUnit, Supabase

**Libraries:** React, React Query, Mongoose, Mantine, Redux

**Spoken Languages:** Fluent in English, Portuguese, and Spanish, Basic proficiency in Hebrew

**Interests:** Drawing, Learning languages, Skiing, Video games