

# Tomer Sheier

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## EDUCATION

University of Massachusetts Lowell – Lowell, MA

Expected graduation: December 2023

Bachelor of Science in Computer Science

*Relevant Coursework:* Computing I – IV, Computer Architecture, Mobile App Programming I – II, Discrete Structures I – II

## SKILLS

*Programming Languages:* JavaScript, HTML, CSS, C, C++, Python

*Technology:* AWS, React, Open AI API, Firebase

## PROJECTS/RESEARCH

Netflix Clone

Summer 2023

- Developed a Netflix Clone using React with a Redux template, replicating the user interface and functionalities of the popular streaming platform.
- Integrated Firebase hosting for seamless deployment and efficient data management.
- Utilized TMDb API to fetch comprehensive and up-to-date information about movies and shows, enriching the content catalog.

Open AI Chat Bot

Spring 2023

- Leveraged Open AI's API to develop a sophisticated chat bot for the macOS terminal, enhancing the user experience and enabling seamless interaction.
- Explored Open AI's playground and employed Python programming to provide precise instructions to the chat bot, refining its conversational abilities and optimizing its performance.
- Deepened understanding of AI technologies, specifically the mechanisms behind Chat GPT, by actively working with data inputs and outputs, resulting in an improved comprehension of AI systems.

Serverless Web App hosted with AWS: The Pet Gazette

Spring 2023

- Created a front-end application using React to enable users to post and rate photos of their pets, fostering an engaging pet-loving community.
- Implemented AWS Amplify to seamlessly host the application, ensuring scalability and high availability for optimal user experience.
- Utilized AWS services such as DynamoDB for efficient storage of user data and S3 Bucket to securely store and manage pet photos.

## WORK EXPERIENCE

N-Vision Optics

Jun 2022-Aug 2022

Intern

- Helped develop software for thermal scopes
- Leveraged communication and collaboration skills with other engineers
- Improved debugging skills on Linux operating system and learned Unix OS and the commands

Russian School of Mathematics, Newton, MA

Jun-Aug 2019

Over Night Camp Counselor

- Oversaw two different age groups each session: high school freshmen and first graders.
- Honed communication and patience in a leadership role.
- Engaged campers in sports activities, games, and hiking trips while maintaining a safe environment.