Lev Rosenberg

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EDUCATION:

Northwestern University, Weinberg College of Arts and Sciences, Evanston, IL | Expected June 2024
Candidate for Bachelor of Arts in Computer Science and Cognitive Science
GPA: 3.89/4.00

EXPERIENCE

SONIC Lab | UI/UX Intern | Winter 2023 – Present
- Prototyped Figma designs for updates to human-AI-teaming platform based on Nielson's UX heuristics.
- Revamped outdated React repository, introducing increased componentization and use of hooks in addition to implementing new features.
- Currently.iterating between development and UX testing week by week.

Engineers for a Sustainable World | Software Team Member | September 2023 – Present
- Implemented real-time database updates for the UI, syncing with submissions by system and users.
- Incorporated local backend emulator into development process to facilitate simpler testing and debugging.

Maddox AI | Frontend Development Intern | Summer 2023
- Led project to improve Maddox's image annotation tool by exploring alternative front-end visualization frameworks like React-Konva, D3.js, and visx.
- Developed TypeScript demos with each framework for polygon manipulation and optimized zooming.

Delta Lab | Undergraduate HCI Researcher | Winter 2023 - Spring 2023
- Spearheaded creation of a web-app enabling front end developers to master advanced CSS techniques within the framework of professional websites.
- Conducted weekly testing to iteratively pinpoint user challenges, resulting in more increased learning.
- Aligned the tool with learning science principles, integrating relevant research into design process.

PROJECTS:

NuArt | React
- Collaborated with team to build a multifunctional online store promoting student art at NU.
- Designed and implemented in-app messaging system to streamline the selling process internally.

Design Your Delta | React
- Worked with law professor to develop web-app helping law students assess and improve their skills.
- Utilized React and d3.js to create an interactive UI enabling students to visualize their skill levels, set goals, and receive personalized learning materials.

TECHNICAL SKILLS:

- Programming Languages: JavaScript, TypeScript, Python, C, C++.
- Frameworks/Libraries: React, Next, Redux, D3, Konva, NumPy, empirica, Tailwind

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LEADERSHIP EXPERIENCE

Purple Haze A Capella | Music Director | Spring 2021 - Spring 2023
- Directed and trained 20 undergraduate singers to perform at concerts and paid gigs.
- Led group to win 2nd place at quarterfinals of the International Championship of Collegiate A Capella.