Yael N. Borger

Frontend Developer| North Bergen, NJ

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EDUCATION

Swarthmore College   Swarthmore, PA

Bachelor of Arts in Computer Science   May 2024

Relevant Coursework: Intro to Computer Systems; Data Structures and Algorithms; Software Engineering; Artificial Intelligence (AI); Algorithms; Compilers; Game Systems; Computational Images

EXPERIENCE

Our Kids Read

Web Designer & Project Lead   Dec 2024 - Present
- Directing the complete website revamp, reorganizing the site's hierarchy and implementing wireframes and prototypes to enhance user interaction and visual flow.
- Leading UX research initiatives, utilizing insights to inform design decisions and create a cohesive, user-centered aesthetic that aligned with new branding.
- Coordinating and guiding a team, providing UX/UI training, overseeing project timelines, and maintaining communication with leadership in an Agile environment, ensuring compliance with WCAG accessibility standards.

Swarthmore College Computer Society (SCCS)

Project Lead & Treasurer   Sept 2022 – May 2024
- Managed project efforts for multiple initiatives, overseeing the full product lifecycle from concept to execution, ensuring timely delivery and alignment with team goals.
- Mentored 35 members, providing guidance and fostering a collaborative environment that encouraged skill development and cross-functional collaboration across design, development, and strategic planning teams.
- Spearheaded branding efforts, creating logos and wireframes for the school journal site to ensure consistency and creativity.

National Women's Shelter Directory

UI/UX Design Intern   Jun 2023 - July 2023
- Transformed the layout and color scheme of the directory, improving accessibility and establishing a cohesive visual identity that boosted user interaction and navigation.
- Conducted research on front-end design best practices, wireframing intuitive information architectures to optimize content delivery and enrich user experience for a diverse audience.

UNIVERSITY PROJECTS

MyStudyBuddy Chrome Extension

Software Engineer (Full Stack)   Sept 2022 - Dec 2022
- Engineered a dynamic Chrome extension using JavaScript, HTML, and CSS to implement time-based site restrictions, strengthening user productivity.
- Integrated seamless front-end interactions with a back-end API, ensuring smooth communication and functionality within the extension.

Neural Network for Flower Recognition

Software Engineer (Back-end)   Dec 2022
- Designed and fine-tuned a machine learning model using Python and TensorFlow, achieving 83% image recognition accuracy for real-world applications.
- Optimized data processing and algorithm performance, enhancing efficiency and accuracy in image recognition tasks.

ADDITIONAL

Technical Skills: C, CSS, C++, Figma, Git, HTML, Java, Javascript, Lua, OCaml, Python, ReactJS, TailwindCSS

Languages: Fluent in English, Portuguese (Brazil); Conversational Proficiency in Spanish

Accessibility Adaptability Artistic Attention to detail API CSS/HTML Backend developer Cloud Collaboration Communication Creativity Critical thinking Database Developer Debugging Documentation Empathy Flexibility Frameworks Front-end developer Full Stack developer Graphic design Innovation Interface Leadership Machine Learning Management Mobile-First Design Organizational skills React Research Responsive design Server Software Development Life Cycle Teamwork Typescript Performance optimization Problem solving Prototyping UI design UX Research Version control Web development Wireframes