**Yael N. Borger**

Software Developer | North Bergen, NJ

P: +1 201 390-7101| yaelnborger@gmail.com |linkedin.com/in/yael-borger | github.com/yborger

**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**](https://github.com/amzhang02/mystudybuddy)

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