

Liam Sullivan

Web Development & UX

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Education

Computer Science + Digital Narrative and Interactive Design

University of Pittsburgh [↗](#)

2022 – 2026

Pittsburgh, PA

Experience

Human Engineering Research Laboratories [↗](#)

Front End Project Intern

09/2024 – Now

Remote

- Constructs a virtual interactive scrapbook showcasing HERL's 30 years of research with the U.S. Department of Veterans Affairs to support disabled veterans.
- Develops assets with Svelte and 3D CSS transforms for deployment on the HERL website.

HS-Experts [↗](#)

Web Development Intern

05/2024 – 07/2024

Berlin, Germany

- Engineered and maintained website components through WordPress' Elementor CMS.
- Swapped raster graphics for vector-based ones and fixed bugs in responsiveness.

The Pitt News [↗](#)

Senior Staff Photographer

2023 – Now

Pittsburgh, PA

- Shoots event photography on-site based on story assignments.
- Attends weekly budget meetings and directs new hires on assignment.

Projects

Pokémon Teambuilder [↗](#)

- Designed a full-stack, feature-rich web application to build both casual and competitive Pokémon Teams.
- Fetched JSON data from [PokéAPI.co](#) [↗](#) and [pkmn.github.io](#) [↗](#) to display sprites, typing, and sort by competitive tier.
- Built using Next.js, written with TypeScript and Tailwind, and deployed through Vercel.

Recipe App [↗](#)

- Generated recipe pages from markdown to match a given schema using Astro as a Static Site Generator (SSG).
- Dynamically updated images and light/dark mode with React on the home page through Astro's island architecture.

Awards

SteelHacks XI - Best Sustainability with AI by Eaton [↗](#)

Eaton Corporation

29/09/2024

- Awarded to a project displaying excellence in environmental sustainability powered by AI.
- Constructed a front end for a simulation in Svelte, providing interactive tree removal to promote biodiversity, accompanied by Scott Styslinger.
- Procedurally generated data on pan and zoom, culling offscreen assets to support a 640 x 640 grid of trees, water, and animals.

Tools

Languages

- HTML, CSS, JavaScript, TypeScript, Java, C

Frameworks + Services

- React, Svelte, Astro, Next.js, Tailwind, Node.js, MongoDB, WordPress, Asana, Git