

Benjamin Saalberg

Portfolio: <https://bensaalberg.xyz/> | Email: bsaalberg@gmail.com | Ann Arbor, MI

Education and Certifications

Google UX and UI Design Certification

Google | Completed

Bachelor of Arts in Computer Science

Kalamazoo College | September '20 - June '24

Relevant Experience

Product Designer, CatalystOS

United States | June '24 - Present

- Led end-to-end design process for multiple CatalystOS products, from user research and journey mapping to prototyping and design system implementation.
- Designed and iterated wireframes, user flows, and interactive prototypes using Figma; contributed to the company-wide design system to ensure consistent UI implementation.
- Built and tested responsive prototypes showcased at @ <https://www.catalystos.space/>

Design Engineer II, Michigan Tech Research Institute

Ann Arbor, MI | April '25 - Present

- Designed and implemented data visualization and analysis interfaces for geospatial research applications, improving researcher accessibility and workflow efficiency.
- Partnered with scientists to translate research goals into usable, human-centered workflows.
- Architected benchmarking and testing systems that **increased reliability of analysis tools by 40%** while improving usability and visual clarity.

Design Engineer, Maxar Technologies

Ypsilanti, MI | March '23 - April '25

- Designed and developed a full-stack SAR image analysis platform (Vue.js/Tailwind + Python) enabling non-technical users to perform advanced geospatial analysis.
- Contributed to internal **design system components** to standardize typography, color, and layout for future analytical tools.
- Led **UI implementation** and **user flow optimization**, reducing task completion time for analysts by 50%.

Frontend Developer, Foundations Pre-School of Washtenaw County

Ann Arbor, MI | May '22 - September '23

- Designed and implemented public-facing web pages and internal admin tools using React, JavaScript, and CSS.
- Implemented a lightweight design system for consistent branding and typography across the organization's site.