



Erich Rainville

Principal/Lead Product Designer

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Professional Summary

Experienced UX & UI designer specializing in systems thinking and design systems for web platforms. Seamlessly integrates elements for cohesive, intuitive interfaces with a holistic user experience. Drives scalable, future-proof design solutions, streamlines workflows, and fosters consistency. Seeking lead roles in product design, design systems, UX & UI oversight, and impactful web-based solutions.

Technical Expertise

- Mastery of design tools, including Figma, Sketch, Abstract, and Invision
- Development expertise in HTML and CSS frameworks, including Tailwind, CSS, and Bootstrap
- Extensive work with 508 and accessibility compliance
- Contributing to and maintaining repositories with Terminal, Git, and GitHub

Experience

LEAD PRODUCT DESIGNER, MATTERPORT; SUNNYVALE, CA – 2022-PRESENT

Lead UX for Matterport's Capture Services platform, a \$30M+ annual revenue product.

- Collaborate with product and engineering teams to define and scope products, from individual features to cross-platform user workflows
- Provide design leadership for high-profile initiatives
- Mentor and manage designers; spent six months as acting manager
- Work with developers to understand what documentation they need to understand a design and incorporate that into my deliverables to ensure smooth handoff
- Leverage the design thinking of other product designers to help solve problems for my product so that user experiences are consistent across the platform

Accomplishments

- Created catalog of design files, bringing order to an array of unusable, disorganized materials
- Built an entire flexible, user-friendly design system based on existing brand styling libraries, including core colors, type scale, icons, components, and patterns
- Implemented a new process for project management: Gathered the features, bugs, and desired improvements that were scattered throughout various documents, spreadsheets, presentations, or in the product owner's head; wrote user stories, problem statements, acceptance criteria, and success metrics to convey clear understanding of the work to the rest of the team and stakeholders; and deployed a project management tool.

SENIOR PRODUCT DESIGNER, ESRI; REDLANDS, CA – 2016-2022

Lead designer of multiple web applications and the ArcGIS Smart Forms initiative.

- Led system process development for the web design team, including design discovery, ideation, high-resolution design production, detailed specifications delivery, code-based design reviews, and robust design documentation
- Partnered with development team to create, refine, and implement a robust design system Collaborated with other designs to guide and influence design system development for company's web applications; worked with development team on integration into applications
- Led effort to maintain team's design tooling, constantly evaluating how to use new features to improve design processes and deliverables
- Collaborated with product and development teams to define and scope products, from individual features to application-wide patterns
- Conducted user research and interviews throughout all product development stages
- Mentored, coached, and onboarded new designers

UX & UI DESIGNER, ESRI; ARLINGTON, VA – 2014-2016

Designed features and workflows for ArcGIS Open Data, collaborating with product and development teams. Created wireframes, prototyped in code, and implemented production code.

- Led design of an application enabling customers to build custom website to publish their data
- Instrumental in moving the application from a custom styling implementation to a CSS framework, bringing a common language to the UI design and giving customers a higher level of site customization

SENIOR DESIGNER AND DEVELOPER, EYE STREET SOLUTIONS, LEESBURG, VA – 2005-2014

Contributed design/technical expertise for government and private sector clients. Designed and developed UI, site architecture, and page templates using a CSS framework for FEMA's digital asset management system. Created compliant HTML/CSS templates for DHS.gov, TSA.gov, and FEMA.gov. Implemented citizencorps.gov, ensuring 508 accessibility. Managed design, development, and user support for DHS/TSA/FEMA CMS.

PRESIDENT, OWNER, CONSULTANT, DOWNEY MILL GROUP; LOVETTSVILLE, VA – 2001-2005

Founded and managed a business that developed web products ranging from simple online brochures to large, database-driven sites with content management systems.

Education

Corcoran School of Art, Washington, DC
Franklin Pierce College, Rindge, NH

Certifications

Certified Scrum Master, 2016
Certified Scrum Product Owner, 2016