

Richard Álvarez

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Work Experience

Freelance Web Developer

Self-Employed

Remote

2020 – Present

Design, build, and maintain custom web applications for clients in creative and commercial industries. Translate business needs into responsive, high-performance websites. Provide technical documentation and training as needed.

- Built a full-stack e-commerce platform for a skate brand using Next.js, Tailwind CSS, and Node.js, with Stripe API integration and secure checkout.
- Developed a dynamic portfolio site for a cinematographer with a custom CMS and optimized video hosting via DigitalOcean.
- Created GRE vocabulary flashcard app using LangChain + OpenAI, with authentication and persistent user data.
- Delivered sites with 95%+ Lighthouse scores, focused on speed, accessibility, and mobile optimization.

Competition Support Technician

BDPA High School Coding Competition · Volunteer

Chicago, Illinois

Apr 2024 – Present

Set up 18 laptops for a coding competition for nine youth teams, including OS flashing and hardware configuration. Managed troubleshooting requests during the live event and supported faculty and judges on technical setup. Assisted in inventory management and system checks pre/post competition.

LEGO STEM Instructor

Play-Well TEKnologies · Part-time

Chicago, Illinois

Oct 2024 – Dec 2024

Taught STEM-focused LEGO classes to children, introducing engineering and problem-solving concepts through hands-on activities. Managed classroom engagement, ensured safety, and adapted instruction to diverse learning styles. Communicated effectively with parents and staff to provide updates and address concerns.

Education

Kenyon College

Bachelor of Arts in Film; GPA: 3.4/4.0

Gambier, Ohio

Aug 2020 – May 2024

Minor in History and Concentration in Integrated Program in Humane Studies

Authored two papers on machine learning applications in creative industries. Produced and edited over 15 experimental video projects, including music videos, audio-reactive visualizations, and short films.

Relevant coursework includes Senior Research Seminar, AI for the Humanities, Advanced Post-Production, Data Structures and Program Design, Digital Photography, Sex, Drugs, Guns: Research Strategies in the Contemporary Age, and Software Development.

Skills

Customer Service: Troubleshooting, clear communication, in-person and remote support, teamwork under pressure

Technical Skills: Windows 10/11, device setup, printers, AV equipment, Zoom, Microsoft Teams, ServiceNow

Digital Tools: Microsoft Office, Google Workspace, CMS platforms, basic Adobe Suite, data entry and organization

Organization: Time management, task tracking, inventory handling, safety protocols, classroom and shop floor coordination

Creative Work: Video editing, web content updates, social media assets, visual presentation

Certificates

CompTIA ITF+ Sep 2024

CompTIA A+ In Progress