



PATTY YAU

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TECHNOLOGIES

Tools: HTML/CSS, Sass, JS/jQuery, Adobe Creative Suite (Photoshop, XD, Illustrator), Invision, Liquid (Jekyll), Python, Django, PHP, Bootstrap, Git

Platforms Used: Angular, ASP.NET MVC, ASP.NET Web Forms, Shopify, nopCommerce, Wordpress, Microsoft SharePoint

A knowledgeable UX Developer who is passionate about web accessibility and maintainable code. I incorporate research and proven best practices into my design philosophy.

WORK EXPERIENCE

Orange County Fire Authority

Jun 2020–Present

IT Analyst UI/UX

Irvine, CA

- Served as subject matter expert on user experience and user interface for the team.
- Front-end development for VaxTrak, a custom vaccine records management system used by EMS and Nurse Educators. The framework used Angular and served as a model for subsequent projects.
- Front-end and middle-end development for Orion and its public-facing portal Rigel, a custom records management system. This project replaced an outdated system that no longer supported the organization's needs. The new application is mobile-friendly and can be taken out into the field, greatly reducing the need for paperwork.
- Collaboration with an external vendor to serve the organization's UX lead for the redesign of the public OCFA.org website. Meanwhile continue to support feature requests for the existing website, which uses .NET.
- Make updates as need on the organization's Intranet on Sharepoint
- Create icons and web graphics. Designs user interfaces for application features.

Online Trading Academy

Feb 2013–Jun 2020

Lead UI/UX Developer

Irvine, CA

- Designed and developed multiple public website campaigns from start to finish
 - Transformed business objectives into wireframes, user flows, front-end development, QA testing, and A/B testing
 - Ran multiple performance and usability audits and improved Google Audit performance score from 27% to 96%. Improved SEO, IA, accessibility, and other coding best practices

- Implemented Grunt into build process, trained team on SASS migration, created a custom responsive and mobile-first front-end framework, and maintained a design language style guide for all web and branding efforts
- Designed all screens of a cross-platform mobile app and coordinated multiple releases with mobile developer
 - Used Invision to showcase clickable prototypes before development
- Collaborated with cross-silo team members and external agency as UX consultant on the development of a custom web-based trading platform
- Designed and developed a custom landing page CMS to facilitate Agile marketing campaigns independent of weekly website builds
- Identified and implemented technical solutions for business obstacles, and explained the functionality and value to non-technical audiences
- Designed and developed a student dashboard and multiple proprietary tools, eCommerce stores using Shopify and nopCommerce, MVC Forum, Evoq intranet (DotNetNuke), email templates for Marketing Cloud and testing on Email on Acid

Freelance UX Consultant & Designer-Developer 2012–16

American Advisors Group Irvine, CA

- Reviewed information architecture of website and provided recommendations.
- Created custom Microsoft SharePoint intranet template for existing apps.

National Center on Disability and Journalism Phoenix, AZ

- Designed and coded custom Wordpress template and created logo branding.

National Center for Business Journalism Phoenix, AZ

- Redesigned training section to be responsive. Built with Bootstrap.

Carnegie-Knight News21 Phoenix, AZ

- Worked closely with back-end developer and journalists to build a responsive Django website template for a national reporting initiative.

New Media Innovation Lab Phoenix, AZ

- Designed UI for iOS/Android apps, identity branding, 2D animation. Clients included The Arizona Republic and AZ Parks Service.

EDUCATION

Arizona State University 2008–12

- B.F.A. *summa cum laude*, Intermedia (Animation)
- Certificate in Computer Gaming development
- Barrett Honors College, National Merit Scholar, Dean’s List

CERTIFICATION

- Dale Carnegie leadership training for managers, 2017