

STEPHEN GARRETT DEWYER

full-stack web developer | user experience designer

portfolio: www.stephendewyerwebwork.com

professional experience

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career objective

An award-winning full-stack web developer and UX designer with over ten years of experience creating groundbreaking web programs for organizations. Experienced in working with multiple stakeholders to produce critically-acclaimed projects that have been featured in The New York Times, Artnet News and Detroit News. Effective at bringing together disparate parts of the community through multi-disciplinary projects. Interested in creating software that solves challenging problems for the public and businesses.

full-stack web development and UX design skills

- **Programming languages:** JavaScript, TypeScript, PHP, Python
- **Stylesheet languages:** CSS 3
- **Markup languages:** HTML 5
- **JavaScript compilers, frameworks and libraries:** SvelteKit, Svelte, Next.js, React, Vue.js, Express, Handlebars
- **Server environments:** Node
- **Development environments:** Visual Studio, PhpStorm
- **Data interchange formats:** JSON
- **Database management systems:** MongoDB, PostgreSQL, MySQL
- **Application Programming Interfaces (APIs):** Representational state transfer (REST), GraphQL
- **Machine learning**
- **UX design:** wire framing, prototyping, user research, user testing, information architecture, user flows, user interviews
- **Digital media:** Adobe Creative Cloud, photography, videography, graphic design, brand identity design, animation
- **Prototype design:** Figma
- **Web accessibility standards:** WCAG 2.1
- **Version control systems:** Git, GitHub, Bitbucket
- **Geocoding:** TomTom, Google Maps
- **Data Visualization:** D3.js

2021 – present, Founding Director, Full-stack Web Developer and UX Designer

Art in Tech Services Inc

Minneapolis, Minnesota

- Created dynamic, accessible and responsive web programs including client collaboration software
- Works with clients to plan and achieve digital product goals
- Provides UX design for enterprise web programs
- Leads strategy for making digital products using advancements in art and digital technology

2017 – present, Founder, Full-stack Web Developer and UX Designer

Public Arts Commission

Minneapolis, Minnesota

- Leading the design, development and deployment for the organization's web platform that includes a campaign application management system, a voter networking and organizing portal, an endorsement management system and a searchable database of all the organization's endorsements
- Conducted user tests for web prototypes with Board of Directors and art experts
- Designs brand and media
- Works with Board of Directors to achieve organizational goals
- Responsible for overall direction of the non-profit, 501(c)(4) organization

2022, UX Design Consultant (contract)

Turnberry Solutions

Minneapolis, Minnesota

- Created high-fidelity prototypes to personalize dental insurance plan shopping in the Federal Employees Dental and Vision Insurance Program (FEDVIP)
- Helped empower teams to produce great UX design for enterprise web products
- Client: FedPoint

2013 – 2017, Web Developer and UX Designer / Co-Founding Editor

∞ mile (Infinite Mile LLC)

Detroit, Michigan

- Collaborated with stakeholders to create brand and website
- Led a monthly online, Detroit-based art journal that published yearly print anthologies
- Directed editing staff and contributors
- Wrote successful grant applications

- Partnered with the University of Michigan Stamps School of Art & Design to produce two serial publications and conferences

teaching experience

2015 – 2017, Lecturer
University of Detroit Mercy School of Architecture
Digital Media Department
 Detroit, Michigan

2015 – 2016, Special Lecturer
2014 – 2015, Lecturer
Oakland University Department of Art & Art History
 Rochester, Michigan

websites created

- **2021 – present, Art in Tech Services Inc**
www.artintechservices.com
- **2017 – present, Public Arts Commission**
www.publicartscommission.com
- **2023, Suzanne Conti Quilts**
<https://suzannecontiquilts.vercel.app>
- **2022, JoyFoodly**
www.joyfoodly.com
- **2021 – present, web work portfolio**
www.stephendewyerwebwork.com
- **2013 – 2017, ∞ mile (Infinite Mile)**
www.infinitemiledetroit.com
- **2008 – present, artist website**
www.stephengdewyer.info

technical training

- 2021 – 2023, Certificates in UX Design, Web Development and Web Accessibility, Udemy**
- Understanding TypeScript
 - Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus [2023]
 - GraphQL by Example
 - Svelte.js - The Complete Guide (incl. Sapper.js)
 - NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)
 - React - The Complete Guide (incl Hooks, React Router, Redux)
 - Web Accessibility Training Course - WCAG 2.1 Compliance
 - The User Researcher's guide to UX discoveries

2020 – 2021, Certificates in Building Web Applications, University of Michigan – Coursera

- JavaScript, jQuery, and JSON
- Interactivity with JavaScript
- Building Database Applications in PHP
- Introduction to Structured Query Language (SQL)
- Building Web Applications in PHP

2021, Certificates in Database Design, University of Michigan – Coursera

- Intermediate PostgreSQL
- Database Design and Basic SQL in PostgreSQL

2020, Certificates in Python Programming, University of Michigan – Coursera

- Python Data Structures
- Python for Everybody

2020, Certificates in UX Design, Interaction Design Foundation

- UI Design Patterns for Successful Software
- Mobile User Experience (UX) Design
- Become a UX Designer from Scratch
- Human-Computer Interaction

2021, Certificate in Leadership, University of Michigan – Coursera

- Inspiring and Motivating Individuals

awards and grants

2014 – 2016, Knight Arts Challenge Detroit matching \$20,000 grant for ∞ mile
John S. and James L. Knight Foundation
 Miami, Florida

2014, Detroit Chapter June 2014 \$1,000 grant for ∞ mile
Awesome Foundation
 Boston, Massachusetts

education

2009 – 2011, Master of Fine Arts (MFA) in Sculpture
Yale University School of Art
 New Haven, Connecticut

2005 – 2008, Bachelor of Fine Arts (BFA) *cum laude* in Art History, Theory & Criticism
Maryland Institute College of Art (MICA)
 Baltimore, Maryland