

STEPHEN GARRETT DEWYER

portfolio: www.stephendewyerwebwork.com

full-stack web developer | UX designer

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career objective

An award-winning full-stack web developer and UX designer with experience creating groundbreaking web programs for organizations. Experienced in working with multiple stakeholders to produce critically-acclaimed projects that use advancements in art and digital technology. Effective at bringing together disparate parts of the community through multi-disciplinary projects. Seeking to design, develop and deploy creative, effective and attractive web programs that solve important 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, data visualization
- **Prototype design:** Figma
- **Web accessibility standards:** WCAG 2.1
- **Version control systems:** Git, GitHub, Bitbucket
- **People:** communication, empathy, inspiring and motivating individuals, building trust with integrity and fairness, working with diverse communities

professional experience

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 groundbreaking 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 redesign of the organization's website to provide personalized connections between voters, actions and campaigns for greater democracy within and outside art
- Conducted user tests for web prototypes with Board of Directors and art experts
- Designs brand and media
- Created a web portal used by campaigns to apply for endorsement
- Works with Board of Directors to achieve organizational goals
- Responsible for overall direction of a 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

web design and development projects

- 2017 – present, Public Arts Commission
<https://public-arts-commission.vercel.app>
- 2021 – present, Art in Tech Services Inc
www.artintechservices.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.stephendewyer.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