# STEPHEN GARRETT DEWYER

## full-stack web developer | user experience designer

portfolio: www.stephendewyerwebwork.com

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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.  Passionate about creating software that empowers communities to solve challenging problems.

### 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

### 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 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 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
- **2023, Suzanne Conti Quilts**
  https://suzannecontiquilts.vercel.app
- **2022, JoyFoodly**
  www.joyfoodly.com
- **2021 – present, web work portfolio**
  www.stephendewyerwebwork.com
- **2017 – present, Public Arts Commission**
  https://public-arts-commission.vercel.app
- **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 Applica-**

tions, 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