

STEPHEN GARRETT DEWYER
software developer | user experience designer
www.stephendewyerwebwork.com

Tucson, Arizona
stephen.dewyer@stephengdewyer.info
248-766-8556

software development and UX design skills

- **Programming languages:** JavaScript, TypeScript, C++, Python, PHP
- **JavaScript compilers, frameworks and libraries:** SvelteKit, Svelte, Next.js, React, Vue.js, Express, Handlebars
- **Artificial intelligence**
- **Stylesheet languages:** CSS 3
- **Markup languages:** HTML 5
- **Server environments:** Node
- **Development environments:** Visual Studio
- **Database management systems:** MongoDB, PostgreSQL, MySQL
- **Application programming interfaces:** Representational state transfer (REST), GraphQL
- **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
- **Prototyping:** Figma
- **eCommerce:** Stripe
- **Web accessibility standards:** WCAG 2.1
- **Version control systems:** Git, GitHub, Bitbucket
- **Geocoding**

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

career objective

An award-winning software developer and UX designer with over ten years of experience creating groundbreaking web programs for organizations. Experienced in working with stakeholders to produce critically-acclaimed projects. Effective at developing creative software solutions to challenging problems that help empower businesses and communities.

professional experience

April 2021 – present
Founding Director, Full-stack Web Developer and UX Designer
Art in Tech Services Inc
Tucson, Arizona

- Developed a client portal as a part of organization's website to help streamline client collaboration
- Record of 100% client satisfaction rate by effectively communicating throughout a client's project and meeting or exceeding project goals
- Created groundbreaking digital products that improve human experiences of technology by combining advancements in technology and art
- Successfully led the organization to achieve mission by investing in in-house training in advanced technologies

April 2017 – present
Founder, Full-stack Web Developer and UX Designer
Public Arts Commission
Tucson, Arizona

- Developed key software programs to streamline operations that included a campaign application management system, an endorsement management system and a publicly searchable database of all the organization's endorsements
- Developing a voter networking and organizing portal
- Conducted user tests for web prototypes with Board of Directors and art experts
- Grew Board of Directors by 233% to include leading voices in the art community by delivering strong leadership
- Responsible for overall direction of the non-profit, 501(c)(4) organization

February – May 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

July 2013 – January 2017
Web Developer and UX Designer / Co-Founding Editor
∞ mile (Infinite Mile LLC)
Detroit, Michigan

- Collaborated with stakeholders to create brand and website

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

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.org
- 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

- Directed three editing staff and 78 contributors to publish 94 essays and interviews, 51 artist projects, 26 reviews and 27 works of fiction or poetry
- Wrote successful grant applications
- Partnered with the University of Michigan Stamps School of Art & Design to produce two serial publications and conferences

technical training

2021 – 2024

Certificates in UX Design, Software Development and Web Accessibility,
Udemy

- Beginning C++ Programming - From Beginner to Beyond
- 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