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

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Tucson, Arizona 85711
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248-766-8556

SKILLS

- **Programming languages:** JavaScript, TypeScript, C++, Python, PHP
- **JavaScript compilers, frameworks and libraries:** SvelteKit, Svelte, Next.js, React, Vue.js, Express, Handlebars
- **Data visualization**
- **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), WebSockets, 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

EDUCATION

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

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

PROFESSIONAL SUMMARY

An award-winning software developer and UX designer with over ten years of experience developing creative software solutions that improve human experiences of technology. Experienced in working with stakeholders to produce critically-acclaimed projects.

WORK HISTORY

Founding Director, Full-stack Web Developer and UX Designer
Art in Tech Services Inc
April 2021 – present, Tucson, Arizona (relocated from Minneapolis, MN)

- Helped clients plan and achieve project goals, meeting or exceeding client expectations
- Designed, developed, deployed and maintained the company's website including client and administrator portals, streamlining client collaboration
- Developed custom and original software using state-of-the-art technologies like SvelteKit and Next.js to improve performance
- Used art in UX design and in the development of creative software solutions to improve human experiences of technology

Founder, Full-stack Web Developer and UX Designer
Public Arts Commission
April 2017 – present, Tucson, Arizona (relocated from Minneapolis, MN)

- Leads a non-profit, 501(c)(4) organization that uses original software to create an art community civic engagement platform
- Designed, developed, deployed and maintained software programs including 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

UX Design Consultant (contract)
Turnberry Solutions
February – May 2022, Minneapolis, Minnesota

- Created high-fidelity prototypes to personalize dental insurance plan shopping in the Federal Employees Dental and Vision Insurance Program (FEDVIP)
- Client: FedPoint

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

- Designed, developed, deployed and maintained website featuring an

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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

AWARDS AND GRANTS

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

Detroit Chapter June 2014 $1,000 grant for ∞ *mile*
Awesome Foundation
2014

online store for print anthologies and merchandise, generating thousands of dollars in revenue
- 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

COURSES

Certificates in Software Development, Machine Learning, UX Design and Web Accessibility
Udemy
2021 – 2024

- 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

Certificates in Software Development and Leadership
University of Michigan – Coursera
2020 – 2021

- JavaScript, jQuery, and JSON
- Interactivity with JavaScript
- Building Database Applications in PHP
- Introduction to Structured Query Language (SQL)
- Building Web Applications in PHP
- Intermediate PostgreSQL
- Database Design and Basic SQL in PostgreSQL
- Python Data Structures
- Python for Everybody
- Inspiring and Motivating Individuals

Certificates in UX Design
Interaction Design Foundation
2020

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