Eli Christmas

Software Developer · Project Consultant · Independent Researcher

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Interdisciplinary developer and researcher combining accessible software, digital preservation, technical documentation, and direct experience navigating community systems. Builds practical tools and information structures that reduce barriers, preserve knowledge, clarify complex processes, and help organizations serve people more effectively. Interested in software, museum and archival, nonprofit, civic, public-history, and community-support opportunities. Currently in the enrollment process for a Bachelor of Science in Public Health.

Software & Systems
Accessible applications, REST APIs, systems integration, automation, testing, and documentation.

Archives & Public History
Digital archives, metadata creation, provenance, preservation, collections access, and interpretation.

Community Access
Resource navigation, referral coordination, accommodations, stakeholder communication, and outreach.

Relevant Experience

Freelance Software Developer & Project Consultant
2024–Present

Independent · Tacoma, Washington

- Design accessible websites, mobile and desktop applications, custom software, research platforms, technical documentation, and operational workflows from discovery through delivery.
- Led Pine Autoworks through business discovery, visual identity, service and pricing structure, policies, intake and estimate automation, branded communications, and a scalable digital foundation.
- Translate complex technical and organizational needs into clear interfaces, maintainable systems, beginner-accessible guidance, and practical next steps.

Creator & Independent Researcher
2026–Present

The Linsey Hinand Archive Project · Tacoma, Washington

- Created a living digital archive preserving 43 years of Tacoma community-development and anti-poverty history connected to the Metropolitan Development Council.
- Designed archive tiles and lists, an evidence-linked timeline, source attribution, accessible document viewing, research boundaries, contribution pathways, and plans for a physical exhibit.
- Combine family-held records, public sources, oral history, digital preservation, and public interpretation while distinguishing evidence from recollection.

Frontend Lead · Two-Person Degree Capstone
Apr–May 2026

Hidden Gem Music Discovery App

- Led frontend architecture and visual direction for a cross-platform app turning nearly 28 million chart records from 57 countries into maps, country profiles, playable discoveries, comparisons, and analytical storytelling.
- Owned responsive navigation, primary screens, backend integration, mobile analytics, QA, technical handoffs, documentation, and deployment preparation during an eleven-week capstone.

Selected Technical & Public-Facing Work

Defend the Parks
Responsive park discovery experience combining National Park Service data with educational Native Land records, source attribution, saved parks, trip planning, location-aware exploration, and stewardship resources.
React Native · Expo · TypeScript · APIs

Home Screen Manager for Media Servers
Plugin supporting custom pages, 26 section types, Media Bars, Top Rows, per-user lists, scheduling, maintenance, and administrator-controlled discovery while preserving ownership.
C# · JavaScript · Jellyfin · Systems

myY1themestudio & Documentation
Python theme-production studio and beginner-first technical guide built through reverse engineering; supported 56 published themes and substantial community theme creation.
Python · Device Research · Documentation

Media Preservation Tools
Local-first workflows for organizing metadata, artwork, public contextual extras, audiobooks, and large libraries while preserving source files and producing inspectable output.
Python · FFmpeg · Metadata · Automation

Community Experience & Volunteer Support

Family & Disability Resource Navigation · 2019–Present
More than seven years navigating developmental evaluations, healthcare referrals, speech therapy, inclusive education, childcare accommodations, transportation, documentation, and disability-related services across fragmented systems.

Parent-to-Parent Resource Support · 2019–Present
Help parents research credible pathways, understand referrals, prepare documentation, communicate with professionals, and pursue evaluations and services; approximately four families reached professional autism evaluations and related resources.

Older Adult, Accessibility & Service Coordination · 2016–Present
Draw on healthcare training and knowledge of aging while supporting mobility, appointments, household needs, surgery recovery, accommodations, scheduling, and public-transportation planning.

Education & Training

Basics of Managing Records Certificate
Washington State Archives Records Management Team · November 2026

Leadership Essentials Certificate
NonprofitReady · November 2026

Nonprofit Essentials Certificate
NonprofitReady · November 2026

Associate of Applied Science in Software Development and Business Analytics
Bates Technical College · Completed 2026
Spring 2026 President's List · 4.0 GPA in all courses

Certified Nursing Assistant Training
Completed training in caregiving, infection prevention, bloodborne pathogen safety, HIPAA, first aid, mobility, privacy, and personal dignity.

Human Development & Health Sciences
College education in lifespan development, psychology, sociology, anatomy, physiology, chemical dependency, nutrition, aging, and related health sciences.

Community Reach

1,689 active members in less than one year
Built a Patreon community around free device themes, accessible software, technical documentation, and troubleshooting. Welcomed 1,766 new members, generated 135,064 impressions and 65,468 post views, and brought 501 people into the community through published posts, in the very first year.

Skills

Languages & Development
Python, JavaScript, TypeScript, C#, Java, SQL, HTML, CSS, React, React Native, Expo, Angular, ASP.NET Core, Node.js, Tkinter.

Data, APIs & Systems
REST APIs, SQL Server, JSON, XML, structured data, metadata systems, normalization, file automation, offline and local-first processing.

Media & Platforms
Jellyfin plugins, FFmpeg, ffprobe, NFO workflows, image and video processing, cross-platform and device-specific software.

Archives & Public History
Archive design, metadata, attribution, preservation, evidence-linked timelines, oral-history context, access boundaries, interpretation, exhibit planning.

Accessibility & Documentation
WCAG-informed design, keyboard and screen-reader support, responsive interfaces, information architecture, beginner-first tutorials, technical writing.

Community Systems
Community outreach, resource navigation, referral coordination, accommodation documentation, stakeholder communication, transportation, interagency coordination.

Consulting & Implementation
Requirements gathering, workflow and process design, brand and digital strategy, Git/GitHub, testing, QA, debugging, browser compatibility.

Professional Focus

Seeking opportunities where technology, archives, public history, accessibility, research, and community service overlap—including work with nonprofits, museums, archives, civic organizations, educational programs, and community-serving teams.