

Summary

- 10+ years professional experience in Human-Computer Interaction and UX design
- Experience managing creative talent
- Researching, evaluating and designing data intensive user centered applications in private, public and agency sectors
- Strong technical background, I enjoy deep dives into both hardware and software solutions
- Full cycle designer from concept to completion
- Experienced in working with section 508
- Prefer an Agile Environment but am also very comfortable within a Waterfall project management environment.

Human-Computer Interaction

I thrive in a user-centered design environment. I perform contextual user research and usability testing to synthesize design strategy. My process includes observation, building personas, creating task and visual flow diagrams, and conducting end-user interviews including other ethnographic methods to document the end-user requirements. Additionally, I create artifacts such as competitive analyses and heuristic evaluations of existing products, if applicable, to build a landscape from which to draw additional insight.

Visual & Interaction Design

As a visual designer in a thought leadership position, I present complicated systems in a visual format. This is extremely useful as my work typically focuses on interaction with and the presentation of large datasets in consumer facing web and mobile applications.

Experience

UX, Visual and Interaction Designer

02.13 – Present

Carnegie Mellon, SEI – CERT(Computer Emergency Response Team)

CERT is an FFRDC funded by the Department of Defense focused on cyber security

- First Human-Computer Interaction designer hired within CERT to define human-centered processes and practices in product development
- HCI Research and design on a variety of sponsored work for government agencies across all devices including web, desktop and immersive display devices.
- Conduct big data analytics and build algorithms to improve cyber security measures
- Research includes 3D data visualization for large data sets
- Requirements gathering and documentation on large-scale data intensive applications.
- Visual and interaction design on user facing applications
- Volunteered to design the CERT website.
- Top Secret Clearance

Research Associate

04.12 – 04.15

Carnegie Mellon University, HCII

The Human-Computer Interaction Institute (HCII) is a department within the School of Computer Science at Carnegie Mellon University

- Conducted user research and interviews to support grant-based initiatives under Associate Professor Jason Hong. Research sponsors include Google, Samsung, Yahoo and Twitter.
- Researched contextual notifications on mobile devices as well as non-technical end user programming
- Document system requirements, user interviews, usability testing, wireframes, visual design and click-through prototypes

I studied at

Carnegie Mellon University

2015 - Masters of
Human-Computer Interaction

Edinboro University of Pennsylvania

2004 - Bachelor of Arts (B.A.), in
Applied Media Graphic Design

My skillset

Human-Computer Interaction

Contextual Inquiry, Usability Tests, Heuristic Evaluation, Card Sorts and other contemporary HCI research methodologies
Tools include: Axure, Balsamiq, Omnigraffle, a massive amount of post-it notes

Visual Design

Web, mobile, application design
Illustration and Print design
Tools include: Adobe Creative Suite

Programing

HTML, CSS, PHP, Java,
Arduino/Processing, Flex

Portfolio

www.mikeszegedy.com

UX Design and Visual Design Lead

11.10 – 02.13

Celerity Innovation Center

Celerity is business acceleration consultancy for the digital economy focusing on technology, business operations, and user experience.

- Lead a team of cross disciplinary HCI and visual design professionals supporting healthcare, academia, media and advertising clients
- Concept creation and design of cross platform and native mobile applications.
- Built client side and server side applications across mobile desktop and web.
- Digitized consumer healthcare application processes from paper to web.
- Created high level sketches storyboards, high low fidelity click-through prototypes - etc.
- Instrumental in creating the User research and visual design processes for quick prototyping used for engineering review and guidelines, as well as heuristic evaluations.

SR. UX and Web Designer

01.10 – 11.10

The Push Group

The Push Group is a full-service interactive marketing firm that produces award winning web, motion, broadcast, graphic, interactive, branding, and graphic identity design.

- Managed a small team of designers and developers on multiple government contracts
- Performed IA, UI and visual design work on the present version of SBA.gov website including persona development, card sorting exercises and wireframing
- Designed the newest iteration of the Merrill Datasite website
- Project management in both print and web.
- UI, IA, Wireframing, Technical mapping of CMS requirements and structuring application within the environment
- Conducted a card sorting exercise and interview for over 15 participants to map relations of a 19k+ page website

SR. Web Producer

10.08 – 01.10

AANMA

Allergy & Asthma Network is the leading nonprofit organization whose mission is to end the needless death and suffering due to asthma, allergies and related conditions through outreach, education, advocacy and research.

- Lead research and design on concepts/wireframes/UI for flash and web applications, Interactive CDs for EPA relationship
- Full site re-platform and re-launch (moved to an open source CMS and saved over 60k in licensing and development costs)
- Post site redesign and relaunch traffic increase over 120% in 6 months through integration with Twitter and Facebook all tracked by Google Analytics
- Used social media to promote Asthma Awareness Day on Capitol Hill

Senior UX Designer

10.07 – 10.08

Revolution Health

Revolution Health's mission was to change healthcare by giving people the tools, information and support to manage their health and wellness actively.

- Designed concepts/UI for flash and web interactive applications, based on the illustrations of Richard Saul Wurman (founder of TED) for the site
- Future concepts of Revolution Health website and microsites used for advertising sales
- Additional print and web design as requested

Lead UI Designer

10.05 – 10.07

USPS Online Store

The United States Postal Service is an independent agency of the United States federal government responsible for providing postal service in the United States.

- UI and visual redesign of The Postal Services' Online Store
- Usability testing and evaluation
- Customer Acceptance Testing and Database testing
- Current customer satisfaction surveys indicate a 90% customer satisfaction level since the new GUI and platforming (comScore)
- Received an award of recognition from the head of USPS online services upon successful launch for the work completed

Lead Designer

04.05 – 10.05

USPS Public Affairs and Communications

The United States Postal Service is an independent agency of the United States federal government responsible for providing postal service in the United States.

- Redesign of an 80 page Business Environment Assessment and annual report
- Internal logo design, flash work, signage, original poster art, and newsletter design
- Won a "USPS Best of The Best" award

Designer

10.04 - 04.05

Carnegie Mellon University

CMU is a global research university known for its world-class, interdisciplinary programs: arts, business, computing, engineering, humanities, policy, science.