Anne Stevens

UX Design ▪ Data Visualization

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Profile

My multidisciplinary design applied to real world problems (health care analytics, electronic waste, sustainability, affordable housing) has won national design competitions, been showcased on CBC's *The Nature of Things*, and been published in peer-reviewed journals.

Currently, I am Lead User Experience and Data Visualization Designer for IBM Watson Analytics and Cognos Analytics. Watson Analytics (WA) is a self-service, cloud-based visual analytics application that combines advanced analytics and data visualization for the citizen analyst. Cognos Analytics (CA) is a report and dashboard authoring tool targeted at enterprise organizations and expert report authors.

My expertise in data visualization design best practices and my commitment to making complex analytics concepts accessible to all users has successfully modernized both WA and CA.

I built the data visualization program for OCAD University's Continuing Education school, making it core to its Digital Media Skills Certificate. Additionally, I taught UX Design at York University. As a design researcher in OCAD University's Visual Analytics Lab, I developed screen and non-screen tools to visualize and analyse radio and health care data.

Prior to that, I established my own professional architectural practice and built it from a start up to an award winning design firm with a notable client list and a diverse body of work. I was responsible for all aspects of design, production, business and project management, and client communication.

I appreciate the work and thoughtfulness you put into the data visualization sessions when you first came on board, and your more recent Excel classes - both of which were highly valuable and useful learning opportunities for the team. You have also cultivated great relationships with development, offering management and design, and your creative approaches have inspired others to experiment as well with different ways of engaging people.

Kim Peter
Design Practice, Research
and Strategy Lead
IBM Analytics Solutions

Education

Master of Design, Digital Futures, OCAD University. The Digital Futures program fosters X-shaped designers with strength in digital design, art, technology and innovation.

LEED Accredited Professional architectural certification

Ontario Association of Architects licensing requirements

Diploma in Architecture, Architectural Association School of Architecture, London, England (**Bachelor of Architecture** equivalent, professional Architecture degree)

Bachelor of Arts (Hons), Humanities, York University, Toronto

Key roles and deliverables

Lead UX Designer   2015 to the present

Watson and Cognos Analytics, IBM Canada, **Toronto**

Watson Analytics and Cognos Analytics are self-service, cloud-based visual analytics services that combine advanced analytics and data visualization for the enterprise user and the citizen analyst alike. In this role I have:

- managed the convergence of two philosophically different design teams (~24 designers across two sites)
- delivered analytics and data visualization best practices
- championed user centered design thinking and agile project delivery
- conducted generative and evaluative design research
- raised team competancy by leading workshops in data visualization, Excel for designers, and hands-on competitive analysis

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UX design and content development   2014 to 2015

Helped Dundas Data Visualization align website design and UX to values of new product launch.

Developed a series of data visualization best practice articles for Dundas Data Visualization.

Instructor   2013 to 2015

OCAD University and **York University**, **Toronto**

Developed full curriculum for Introduction to Visual Analytics course, including lectures, hands-on workshops, ice-breakers, and teaching blog (OCAD).

Interaction Design, a core UX course for B.Des. Included HTML and CSS best practices, and introduction to UX (York).

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What I do

Data visualization ▪ UX ▪ User centered design thinking
Participatory, generative and evaluative design research
Competitive analysis ▪ Strategic foresight and innovation
Low-, mid- and hi-fi prototyping ▪ Teaching and mentoring
Outside the box creativity and multi disciplinary design
Team building ▪ Excellent client facing communication

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Tools and software

Adobe Creative Suite ▪ Axure ▪ InVision ▪ HTML ▪ CSS
Tableau ▪ PowerBI ▪ Qlik ▪ Cognos Analytics ▪ Watson
Analytics ▪ R ▪ Google Refine ▪ Arduino ▪ Processing
AutoCad ▪ SketchUp ▪ Hand sketching ▪ Laser cutting,
soldering, woodworking and construction tools ▪ .... and a
quick study at the rest

*Your subject matter expertise in Watson Analytics
also your personal domain knowledge in data
vis were requirements in order to think through
possible scenarios with Accurat, and keep the work
in a reasonable scope to where it could also be
implemented. You're the person that the data
vis agency trusts to give credible, logical, creative
critique.*

Hayley Hughes
Design Lead
IBM's Design Language System

Awards and honours

Digital Futures Graduate Chair's Award, for Master's thesis.

Grand Prize, *Archetype for the Living City* Competition, a
national architectural design competition.

Numerous peer reviewed publications and exhibitions.

Solid references validate results

Dr. Sara Diamond, President, OCAD University

Patricio Davila, Associate Professor, OCAD University

Dr. Paula Gardner, Associate Professor, OCAD University

Osama Manzar, Founder, Digital Empowerment Foundation

Alex Waters, Toronto Regional Conservation Authority

Contact information is available upon request.

Design and Development, Visual Analytics   **2012 to 2014**
Mobile Platforms, UX

Visual Analytics Lab, OCAD University, Toronto

Designed tablet-based visual analytics tools for caregivers in
long term healthcare.

Conducted participatory and field research with industry
partner, the CAIS Hospital, in Lins Brazil.

Developed personas and scenarios, visualization design,
user-flow diagrams, architecture and low- to high-fidelity
prototypes.

Was lead writer for peer-reviewed paper published by IEEE-
vis, 2014.

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Field research & advocacy   **2012**

Digital Empowerment Foundation, Delhi, India

DEF's mission is to use information and communication tech-
nologies to empower marginalized people living *on the edge
of information* in India and south Asia.

Conducted ethnographic field research into India's informal
mobile phone and electronic waste economies.

Interviewed NGOs, researchers, government officials and
compiled results into 70 page illustrated report.

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Principal architect and Owner   **1998 to 2012**

FORT architect inc., Toronto

Grand Prize winner, Archetype Sustainable Homes
Competition, a national competition to design the greenest,
most sustainable homes in the country. Two forward looking
prototypes were built at the Kortright Centre, Vaughan, Ont.

Launched my own professional architectural practice and built
a diverse client list of household names: Gucci, Club Monaco,
University of Toronto, Schulich School of Business, Toronto
Regional Conservation Authority.

Fastidiously coordinated engineering and construction to
minimize costs and delays of time sensitive projects.

Was responsible for all aspects of business and project
management.

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Build Committee member, architect, construction site
supervisor, volunteer   **1995 to 2001**

Habitat for Humanity, Toronto

HfH *blitz* builds affordable houses with volunteer labour
in as little as seven days. I provided the detailed proactive
coordination and full-time construction site supervision
required for a number of successful *blitzs*.