

Chris Elten

A user experience designer with a strong programming background. My design and technical expertise have enabled me to excel in contributing to enterprise grade web applications. I am passionate about pursuing empirical UX research and ubiquitous computing to bridge humans and technology in imaginative ways.

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Work Experience

Jan 2016 - Dec 2016



Electronic Arts

Associate Software Developer

Java, Scala, Javascript, Node.js, Gatling, HTML, CSS

Led load and stress testing efforts for EA.com and franchise sites (Gatling, Jenkins). Measured scalability and evaluated site performance for over 100,000 concurrent users.

Built sophisticated training environments for internal Adobe Experience Manager (Node, Play! - Scala, HTML, CSS) to assist training for teams of 20 people.

May 2015 - Aug 2015



Klipfolio

Web Developer

Java, Grails, JavaScript, HTML, CSS

Realised mockups and wireframes as a full stack developer (Grails, JavaScript, HTML, CSS) on a web application in an agile environment. Changes reached over 10,000 active users daily.

Jun 2014 - Aug 2014



Library and Archive Canada

Report Developer

SQL, Crystal Reports, Microsoft SQL Server Management

Migrated legacy reporting system containing of over 20,000 records previously developed in Crystal Report to Microsoft SQL Server 2012 Reporting Solution.

Skills

React

Angular

Node

Sketch

Express

HTML

CSS

Usability Testing

User Research

Interaction Design

InVision

Experiment Design

Storyboarding

Data Visualizations

Education

University of Ottawa

September 2013 - April 2018

BASc in Software Engineering (CO-OP) with the Management and Entrepreneurship Option

Academic Experience

Feb 2018



Thawrih

Winner of Entrepreneurial Engineering Design Competition 2018

User Experience Research and Design, Shopify, Wix

Researched activewear difficulties that Sikhs and Muslims face due to religious and cultural garments at the gym. Presented an activewear company employing Syrian newcomers in Ottawa to manufacture sports Turbans, Hijabs and other culturally inclusive garments in a 15 minute presentation to venture capitalists. Placed first out of 25 competing teams in an engineering design competition.

Dec 2017



Nibble vs. Fitbit

Empirical analysis of competing apps

HTML, CSS, JavaScript, User Experience Research and Design, COGTOOL, R, Experiment Design

Compared competing food logging applications based on average user performance using modeling and prototyping techniques with COGTOOL (an engineering modeling application for user interface analysis). Presented interface changes and projected user performance improvements.

Nov 2017



Kecap

Winner of Singapore Mega Startup Weekend 2017

Natural Language Processing, Node.js, User Experience Research and Design, HTML, CSS, Materialize

Ideated, developed, marketed, and presented a travel guide that facilitates finding authentic cultural destinations through a conversational user experience and placed first out of 250 participants in the Singapore Mega Startup Weekend 2017.

Nov 2017



Henkel Network

Finalist of the Henkel Innovation Challenge 2017

Blockchain, User Experience Research and Design

Redesigned Henkel's current global supply chain management system to support deep, collaborative relationships with 3PL partners. Presented solution as a 15 minute pitch to Henkel Asia-Pacific executives.

Community Leadership

Event coordinator for design thinking workshops at the University of Ottawa

Tutor for first and second year undergraduates in computer science and software engineering courses.

Captain of a university intramural volleyball team.

Captain of a mens soccer team.