Adam Thompson
UX ENGINEER

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PROFESSIONAL EXPERIENCE

New Visions for Public Schools UI Engineer JULY 2018 - NOW | NYC

Built an Angular component library, and defined a more consistent CSS (Sass) architecture. This streamlined cross-functional collaboration and communication, and improved long-term maintainability and UI consistency.

Architected and led development for a new landing page using React, Next.js and Netlify lambda functions, increasing daily active users by over 40% WoW after launch.

Developed prototyping infrastructure with Vue and D3 in order to test and validate new features and interactions, enabling faster iteration of product and feature concepts.

Created a design framework to streamline creation of data visualizations, enabling us to launch remote learning features just days after schools closed in March 2020.

TC Helicon Product Manager
JAN - APRIL 2018 | KITCHENER

Developed a globally-used VBA tool enabling managers to quickly evaluate ROI and other key data for new projects.

Defined user requirements and business strategy for a line of accessories, and coordinated with international suppliers.

Noom Product Designer
SEPT - DEC 2015 (CO-OP) | NYC

Re-architected the core food logging workflow to align with observed mental models, informed by rigorous prototyping and usability testing, increasing user retention and engagement by nearly 50%.

Sony UX Designer
SEPT - DEC 2013 (CO-OP) | WATERLOO

Spearheaded UX design and front-end development for MediaGo internet radio.

Zynga UX Product Manager
APRIL - AUG 2016 (CO-OP) | TORONTO

Prototyped and defined feature requirements for a Poker chip drip feature that increased daily active users by nearly 10%.

Optimized user flows for social engagement based on the results of multi-variate testing, increasing daily news-feed app entry by 4%.

KnowRoaming UX Designer
MAY 2014 - APRIL 2015 (CO-OP) | TORONTO

Designed Android and iOS app information architecture to align with common use cases, increasing user retention by over 20%.

Developed a brand ambassador enrollment page using JavaScript, PHP and Sass that received hundreds of applications, and increased brand awareness.

EDU.

University of Waterloo Systems Design Engineering CLASS OF 2017

Honours Bachelor of Applied Science (B.Eng). Cognitive Science minor.

PROJECTS

Chameleon
PYTHON, ARDUINO C++, FUSION 360

Wearable hearing protection that adapts to the volume of the wearer's surroundings.

Sketch Flat Export
JAVASCRIPT, SKETCH API

A Sketch plugin to export multiple artboards to a single directory.

Farkle
THREE.JS, XSTATE, TYPESCRIPT, REACT, SOCKET.IO

Online multiplayer dice game built with Three.js, XState and WebSockets.

Chronological MCU
JAVASCRIPT, CHROME API

Chrome extension to watch every Marvel scene in chronological order.

SKILLS

Javascript HTML5 CSS3 Sass Angular Typescript Vue React
Python Java C++ Swift PHP Git Storybook Photoshop
Sketch Figma Framer Balsamiq D3 XState Three.js Arduino

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