Adam Thompson
FRONTEND UI ENGINEER

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PROFESSIONAL EXPERIENCE

New Visions for Public Schools UI Engineer
July 2018 - now | NYC

Architected and led development for a new **landing page** using React, Next.js and Netlify server-side functions, resulting in an all-time high for daily active users shortly after launch.

Developed and maintained an Angular component library, and defined a consistent CSS (SASS) architecture. This streamlined cross-functional collaboration and communication, and improved long-term app maintainability and UI consistency.

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.

Developed prototyping infrastructure with Vue and D3 in order to test new features and interactions with real-looking data.

TC Helicon Product Manager
Jan - April 2018 | Kitchener

Defined user requirements, product specifications, and business strategy based on market and user research for a new line of music accessories.

Developed a globally-used tool allowing managers to quickly evaluate new projects based on ROI and other key data.

Co-op Education UX Designer & UI Developer
2013 - 2017 | Toronto & NYC

Zynga: Optimized user flows for engagement based on the results of multi-variate testing.

Noom: Redesigned the core food logging workflow to align with observed mental models.

KnowRoaming: Re-architected the iOS app UI to improve the most common use cases.

Sony: Led design and user interface development for a music discovery feature.

EDUCATION

University of Waterloo Systems Design Engineering
Class of 2017

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

PROJECTS

Chameleon
Hearing protection that adapts to the volume of the wearer's surroundings.

Farkle
Play the dice game "Farkle" online with friends.

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

Chronological MCU
Watch every Marvel Cinematic Universe scene in chronological order.

Tap Metronome
A simple iOS metronome app with a minimalistic UI.

SKILLS

CSS3 · HTML5 · Javascript · React · Angular · Vue · Typescript · Storybook · Sass · Swift · Node.js · npm · Git · CI · Python · XState · Sketch · Figma · Zeplin · InVision · Photoshop · Illustrator · Framer · Balsamiq · Excel · Airtable · Arduino · D3

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