

An engineer at the intersection of design and development. With an engineering education and experience in UX design since 2013, I can bridge the gap between the two disciplines.

EXPERIENCE

UX Engineer New Visions for Public Schools

July 2018 - now | NYC

Streamlined designer-developer collaboration by compiling design system documentation, and building and maintaining an Angular component library.

Developed a CSS architecture for Angular, leveraging its opinionated component structure, improving the long-term maintainability and flexibility of the codebase.

Designed a conceptual framework to streamline development of new data vizualizations—enabling the team to launch remote learning features just days after schools closed in March 2020.

Product Manager TC Helicon

2018 | Kitchener

Identified customer needs, and defined business strategy and product specifications based on market and user research.

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

UX Product Manager Zynga

2016 | Toronto

Optimized user flows based on the results of multi-variate testing, and configured final design parameters for a social engagement feature.

Performed secondary user research and A/B testing to define pricing for a new subscription-based revenue model.

Product Designer Noom

2015 | NYC

Simplified the core food logging experience by modifying the information architecture to better fit the mental model observed during user interviews.

UX Designer KnowRoaming

2014 - 2015 | Toronto

Overhauled the app UI and information architecture to better align with common use cases.

UI Designer Sony

2013 | Waterloo

Led UI design and front-end development for a music discovery feature.

2017

2015-2016



EDUCATION

Systems Design Engineering University of Waterloo

BASc. with cognitive science minor

PROJECTS

Chameleon

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

Zed

A JS library for rendering more realistic overlapping shadows.

Sketch Flat Export

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

VOLUNTEER

The SymphoNYChorus

Tenor section leader for the combined choir and orchestra.

The Water Boys

Baritone section leader for the world-ranked all-male a cappella group.

Farkle

Play the dice game "Farkle" online with friends

Chronological MCU

Watch all scenes from MCU movies in chronological order.

ZeplinX

A Confluence plugin to embed Zeplin images on a page.

Camp Kwasind

Maintenance, cabin leader and staff mentor.

UW/UX

Vice President of the UW campus UX Club, mentoring younger students and planning club events.

TOOLBOX



2018 - now

2013-2017