zach chan

UX Designer | Web Developer

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education

Simon Fraser University
Bachelor of Science

Major Interactive Arts & Technology
 Design, Interactive Systems
 Co-operative Education
Minor Business Administration

skills

UX Research || Design Evaluation
Wireframing || Prototyping || Testing
Front & Back-end Web Development

3D Modelling || Motion Graphics
Videography || 3D Animation

Market Research || Business Analysis

dev tools

HTML5 || CSS3 || SASS || Twig
Javascript || React.js || jQuery
PHP || Git || SQL || Craft CMS

design tools

Adobe Creative Suite
Figma || Sketch || AxureRP
Maya || Unity

extra zach

(interests)

drawing

hiking

exercise

movies

nerd stuff

Lego

about

I'm a web developer and designer captivated by technological innovations that have the opportunity to enhance user experiences. I love to solve problems through comprehensive design methodologies and modern web solutions.

experience

Vancouver Coastal Health   Apr. 2019 - present
Web Developer & UX Designer

As part of the Learning Technologies team, I work with clinicians, organization leadership and the public to create accessible, intuitive digital solutions that deliver medical education.
My responsibilities include:
- building and maintain sites and apps built on frameworks like React.js, CraftCMS, and Moodle
- conducting and reporting user research using tools such as user personas, storyboarding, A/B testing, and interviewing
- designing UI and visual icons, graphics, documents and other multimedia

BlackBerry Ltd.   Jan. 2018 - Aug. 2018

UX Design Intern

I was responsible for products in the BlackBerry Hub+ Android application suite and BlackBerry Secure Android OS. I collaborated with project managers, developers, and other designers to solve complex interface and product experience problems. My work included:
- creating wireframes, prototypes and red-line technical specs
- conducting user research, market research, and usablity testing
- creating icons and animated UI interactions
- designing tools to improve internal team workflows

FSS Canada   May. 2017 - Dec. 2017
Web Developer & Designer

I enhanced FSS' student advising services on digital platforms by creating front and back-end for online application forms, searchable product offerings and managed/created various web pages. This project required skills such as:
- wireframing using sketches and Axure RP Pro. design software
- responsive front and back-end developmenet using PHP, JavaScript, and PHPMailer.
- designing database architecture and building it with mySQL.

other projects

Reddit Ethical Design Evaluation   Mar. 2019 - Apr. 2019
User Researcher & UX Designer [Academic Project]

In a two week period in a team of 4 I created an evaluation criteria that assesses ethical and humane design to evaluate the website Reddit and propose design solutions. Using our scale and Nielson's 10 heuristics we identified root problems and designed 3 new features that address the platform's shortcomings and tap latent potential. Using high fidelity mockups we presented our research findings and solutions to instructors and peers at the end of the project time frame.

Fit First Run Club   May 2017 - Aug. 2017
User Researcher, UX Designer & Video Editor (Academic Project)

In a team of 3, I conducted extensive user research that led to designing a digital interface to set and track collaborative running goals so that the connectivity and motivation of members of a running club would be enhanced. After the design phase, I filmed, animated and edited a summative project showcase video.