

Jacob Chan

jacobchan.ca

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Skills

Data: SQL, Python, R, Excel

Viz: Mode Analytics, D3.js, Sketch, Photoshop, React

Projects

[Topaz](#)

Helping users keep regular logs of whatever data model they want, while providing smart recommendations and insights

[Appease](#)

Task management software on autopilot

[Typeme.js](#)

JS library to simulate typing effect in the front-end

Education

3A Systems Design Engineering

Expected 2019

Key Courses: Probability and Statistics, Human Factors in Design, Technology in Society, various engineering and design courses

Machine Learning

Coursera - Stanford University (Ng)
Expected Jul 2017

Data Science in R and Python

Udemy.com

Interests

[Dual wielding film and digital](#)

[cameras](#), eating pho, Super Smash Bros. Melee, table tennis and ukulele

Work Experience

Designer, Shopify

Ottawa, Winter 2017

Researched a variety of UX shortcomings discovered through rigorous data analysis and user interviews

Used shortcomings and data analysis to guide new designs to surface relevant and useful data for merchants on their Home page

Collaborated heavily with fellow designers, developers, data scientists, and PMs through quick iterations, reviews, sprints, and many presentations, consistently seeking new perspectives and feedback

Product Engineer, Boomtrain

San Francisco, Summer 2016

Designed and developed internal tool to visualize and optimize external data-scraping service to gather customer data

Owned key customer facing tool. Designed and developed WYSIWYG editor for customers to build recommendations widget to be seen by their visitors.

Performed user research and usability testing. Built out feedback and design recommendations through workflows, wireframes, and working prototypes.

Software Developer, SMART Technologies

Calgary, Fall 2015

Led team of 4 to build widgets for 3 million active users world-wide. Worked cross-functionally to build heavily used widgets for teachers, guiding development with user research and usability testing

Web Developer, Ontario Institute for Cancer Research

Toronto, Winter 2015

Streamlined workflow efficiency by designing and implementing new PHP templates and data models.