Jacob Chan

Holistic product thinker, with experience in software engineering, product design and data science.

jacobchan.ca
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Skills

Experience
product analytics, software engineering, product design, deep learning, full stack web, Android

Preferred Tools
python, tensorflow, pandas, SQL, R scikit-learn, AWS, Sketch, Git

Education

University of Waterloo
Systems Design Engineering
Option in Statistics
Expected 2019

4 online courses through Coursera on Machine Learning by Prof. Andrew Ng (Stanford, deeplearning.ai)

Projects

Topaz
Helping users keep regular logs of self- or pre-defined data models, providing insights and recommendations

Interests

Smash tournaments, competitive table tennis, photography

Experience

Next 36 — Entrepreneur
PRESENT, Toronto.

The Next 36 gives Canada's most promising young innovators the mentorship, instruction and start-up experience to become Canada's next generation of high-impact entrepreneurs.

Capital One — Data Scientist (Android Beta)
FALL 2017, Kitchener.

Used a holistic understanding of development and design to bridge the product cycle by leveraging various metrics to encourage data-driven feature design

Designed innovative FinTech features to further provide utility in budgeting, categorizing, and understanding their usage behaviour

Implemented dashboards in Grafana and Python to analyze event data from the mobile beta app's data pipeline to understand KPIs.

Shopify — UX Designer (Shopify Home)
WINTER 2017, Ottawa.

Conducted user experience research and competitive studies on various strategies of recommendation systems in popular platforms to give insight for future features

Analyzed shortcomings found in usage data to guide new designs to surface relevant and useful data and content for merchants on their Home page

Boomtrain — Product and Engineering
SUMMER 2016, San Francisco. Acquired by Zeta Global in July 2017.

Liaised between solutions team with engineering team, bringing forth heavily used APIs in seamless, customer-facing front-end experiences

Designed and developed tool to visualize and optimize external data-scraping service to gather client data used for recommendation engines

SMART Technologies — Software Developer Intern
FALL 2015, Calgary. Acquired by Foxconn in May 2016.

Led team of 4 to build lesson 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

Ontario Institute for Cancer Research — Web Developer
WINTER 2015, Toronto.

Liaised between large global health initiatives and web development to understand needs, producing optimal solutions