

Jacob Chan

3B Systems Design Engineering

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Experience

Capital One — *Data Scientist - Android Beta Team*

PRESENT, Kitchener

Developing predictive algorithms to improve accuracy on categorizing transactions made

Implemented dashboards in Grafana to digest event data from the mobile beta app and monitor KPIs

Shopify — *Design Intern - Home Team*

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 for merchants on their Home page

Boomtrain — *Product Engineer*

SUMMER 2016, San Francisco

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

Prototyped WYSIWYG editor for customers to build recommendations to be seen by visitors

SMART Technologies — *Software Developer Intern*

FALL 2015, Calgary

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

Streamlined workflow efficiency by architecting and implementing new data models and templates

Skills

Experience

Product Analytics, Experimentation, UX Design, Product Management, Full Stack Web

Preferred Tools

python, pandas, SQL, R, scikit-learn, AWS

Education

University of Waterloo

Systems Design Engineering
Option in Statistics
Expected 2019

Online Learning - Coursera

Machine Learning (Ng)
Neural Networks and Deep Learning (Ng)

Projects

Topaz

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

Interests

Hosting events and talks for Waterloo Data Science Club, competitive smash, ranked table tennis