

## WORK



Palo Alto, CA  
Aug '14 - Dec '14

### Business Analytics Engineer, *RelateIQ*

- Developed a dynamic machine learning model which predicts whether an existing customer is in danger of churning, is in position for an upsell, or is maintaining good usage using Python, Scikit-learn, PostgreSQL
- Carried out many indepth analyses on RelateIQ's platform which led to major product design decisions



Menlo Park, CA  
Jan '14 - Apr '14

### Data Engineer, *Facebook*

- Developed a web application to visualize metadata using D3, Bash, Python, MySQL, JavaScript, PHP
- Worked with People Analytics and BI to develop new projects, implementation strategies, data extraction methods, and data visualizations
- Built a sentiment analysis tool for public content related to specific keywords using PHP and Python



Toronto, ON  
Jan '13 - Apr '13

### Trading Associate, *TD Securities*

- Developed and optimized analytical trading models and tools for interest rate trading analytics and risk management on the Canadian Interest Rate Trading desk using Excel, VBA, Bloomberg, Reuters, and FIS.
- Worked alongside the bonds, interest rate swaps, and options desk to isolate and minimize market risk.

## SKILLS

### Programming

Python, Racket, C, C++, Bash, PHP

### Design

HTML5, CSS, JavaScript, PhotoShop, InDesign, MakerWare

### Data

Scikit-learn, Pig, D3, SQL, R, Excel

### People

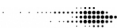
Public speaking, product development, project management, people analytics

## AWARDS

1st, 2nd Place  
Facebook Hackathon  
*fb2db.com*, March '14  
Top Pics, May '13



Top 10 Finalist  
Velocity Venture Fund  
*AVA*, Oct '12  
Sportshark, June '12



3rd, PepsiCo Pitch  
Competition  
Nov '12



## SCHOOL

Honours Computer Science  
University of Waterloo  
Sept '11 - Aug '16

Honours Business Admin.  
Wilfrid Laurier University  
Sept '11 - Sept '13

VP of Finance, *Pure Math Club*  
May '12 - Aug '12  
Managed the University of Waterloo PMC's expenses, carried out creative methods of fundraising.

Case Coach, *DECA Laurier*  
May '12 - May '13  
Prepared and led weekly training sessions for 200+ Laurier Delegates.

## PROJECTS



Sept '12 - Dec '13

### Co-Founder | Product & BD

'Anytime, anywhere, snap a picture of fashion that you love and buy it - right from your smartphone. Shop the streets with Ava!'

- Pitched to investors, generated user traction, and contributed to product design.



May '12 - Aug '12

### Co-Founder | Statistical Models

'A recommendation engine for sports betting fuelled by historical data and statistical analysis.'

- Worked on a sports betting algorithm using historical game data, helped develop the UI, and pitched to investors.



Fall '12, '13  
Spring '13, '14

### Velocity Resident

VeloCity is University of Waterloo's startup incubator residence. It is where I learn about new technologies, build cool things, and carry out personal projects.

## ATHLETICS

Competitive Figure Skating  
KW Skating Club  
'02 - '11

Pole Vaulting & Cross Country  
SJAM Secondary School  
'07 - '11