

## WORK



Menlo Park, CA  
Jan '14 - Apr '14

### Data Engineer

- Developed a web application to visualize metadata, identify reverse & forward dependencies, and track changes made to data pipelines using D3, Bash, Python, MySQL, JavaScript, PHP, and XHP.
- 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 Co-op Associate

- 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.



Waterloo, ON  
May '12 - May '13

### Marketing Strategist

- Designed and built investyoung.org alongside the Investors of Tomorrow Marketing Team.
- Developed organization's marketing campaigns.

## PROJECTS



Sept '12 - Dec '12

### Product & Business Development

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

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



May '12 - Aug '12

### Statistical Models & Algorithms

*'A recommendation engine for sports betting fuelled by historical data and statistical analysis! Practice safe bets with SportShark.'*

- Worked on a sports betting algorithm using preexisting game/competition data, helped develop the UX & UI, and pitched to investors.



### Dorm-cubator 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

## SKILLS

### Programming

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

### Design

HTML5, CSS, JavaScript, PhotoShop, InDesign, MakerWare

### Data

SQL, D3, R, Excel, VBA

### People

Public speaking, product development, project management, people analytics

## AWARDS

1st, 2nd Place,  
Facebook Hackathon  
FB2DB, Mar '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 and executed creative methods of fundraising.

Case Coach, DECA Laurier  
May '12 - May '13

Prepared and led weekly training sessions for 200+ Deca Laurier Delegates.