Linda Xie

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WORK

Data Engineer

Menlo Park, CA
Jan '14 - Apr '14

- 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.

Trading Co-op Associate

Toronto, ON
Jan '13 - Apr '13

- 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.

Marketing Strategist

Waterloo, ON
May '12 - May '13

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

PROJECTS

Product & Business Development

Sept '12- Dec '12

'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 heavily in the product's design.

Statistical Models & Algorithms

May '12 - Aug '12

'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

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

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

EDUCATION

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