

Amy Xiao

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EDUCATION

UNIVERSITY OF TORONTO

H.B.Sc. PHYSICS AND
MATHEMATICS

Sep 2013 - Apr 2018 (Expected)

CO-CURRICULAR

UofT Consulting Association

Director, Startup Consulting |
2016-Present

You're Next Career Network

Director of Operations | 2015-2016

Faculty of Arts & Science Council

First Year Representative | 2013-2014

COURSEWORK

COMPUTER SCIENCE

Software Design

Databases

Computer Organization

Probability

Theory of Computation

Data Structures and Algorithms

MATHEMATICS

Linear Algebra

Calculus

SELF-STUDY/MOOC

Machine Learning

Data Mining

SKILLS

PROGRAMMING

Proficient:

JavaScript (MEAN, MeteorJS, jQuery),
Python (Flask), HTML/CSS (Bootstrap,
Foundation, Material Design), SQL,
Salesforce Development

Familiar:

C, Verilog, Linux

Tools:

Git, SVN, Photoshop, Illustrator

SPOKEN LANGUAGES

Spanish, Mandarin, Shanghainese

LINKS

LinkedIn:// Amy Xiao

Github:// amyxst

Design:// amyxiao.crevado.com

Twitter:// @amyxst

EXPERIENCE

RBC, MACHINE INTELLIGENCE RESEARCH

JUNIOR RESEARCH DEVELOPER

Sep 2016 - Dec 2016 | Toronto, ON

- Prototyping new machine learning technologies that demonstrate research capabilities utilizing full-stack development
- Conducting experiments to evaluate machine learning technologies
- Reviewing scientific literature to propose novel ways to solve problems

KIJIJI, AN EBAY COMPANY | SOFTWARE DEVELOPER INTERN

May 2016 - Sep 2016 | Toronto, ON

- (Salesforce) Created responsive product-targeting module using client-side JavaScript (jQuery Mobile), Visualforce, and server-side SOQL and Apex to replace legacy module created in Flash
- (Salesforce) Used Apex Debugger to identify key revenue calculation error in monthly invoicing procedure
- (Salesforce) Documented structure and details of Apex classes responsible for interfacing with Google's DoubleClick for Publishers API

KIWI WEARABLES | SOFTWARE DEVELOPER CONTRACT

Dec 2015 - Jan 2015 | Toronto, ON

- Ported Gaussian Mixture Model classification from Java to JavaScript

NANO MAGNETICS LTD | SOFTWARE DEVELOPER INTERN

Summer 2015 | Vaughan, ON

- Sole front-end developer on internal project management application
- Designed and implemented UI and front-end of application using Javascript/jQuery, Ruby on Rails

SELECT PROJECTS

YNCN JOB PORTAL | FLASK, MONGODB

Involved in full-stack implementation of job posting mechanism, simple search engine, and job views

PAYMYFACE | JAVASCRIPT, ANDROID, BRAINTREE/PAYPAL

Application that makes use of machine learning API to allow money transfer via image recognition

HASHHELP INC. | BOOTSTRAP, JAVASCRIPT

Implemented front-end of collaborative Q&A platform in the education space; Pursued as start-up

RECURSION PAC-MAN | GAMEMAKER LANGUAGE

Designed Pac-Man game to teach recursion for summer research project focused on determining efficacy of features in educational games

AWARDS

2015 1st Place for PayMyFace at Hack The North

2015 Best Web Dev Hack for VidulyNoted at MHacks 6

2015 1st Place for HashHelp at AngelHack Toronto

2015 2nd Place for Amaze at Queen's Start-Up Summit

2015 2nd Place at Tetra Design Competition at the University of Toronto