

KATIE YANG

Education

Queen's University

B.Sc (Computing) and B.Comm Dual Degree 2018

GPA: 4.25/4.3

Courses: Artificial Intelligence, AI for Business Analytics, Algorithms, Data Structures, Scientific Computing (Linear Algebra & ML), Web Development

freeCodeCamp

Front End Web Development Certification 2017

Employment

Queen's University

Teaching Assistant (Web Dev, Programming Paradigms)

Kingston, Ontario

Sep 2017 to Current

- Used understanding of HTML, CSS, JS, SQL, PHP, Haskell, and Prolog to mark assignments and hold help sessions for classes with 200+ students

Canada Pension Plan Investment Board

Senior Intern Analyst

Toronto, Ontario

May 2017 to Aug 2018

- Built a financial model and authored a detailed 20-page research report, resulting in a company being added to the investment watch list
- Volunteered to conduct regression analyses and create a visualization of proprietary data using R

Queen's Solar Design Team

Business Manager

Kingston, Ontario

May 2016 to Sep 2017

- Managed team of 5 volunteers to provide educational workshops to 200+ elementary school aged children over the summer on the topics of engineering, design, and sustainable energy
- Cold-called 100+ business executives, raising \$36,000 in cash and in-kind donations for the team's off-grid solar-powered house project

Projects

MarketChirp

Feb 2018

- Used AI to perform sentiment analysis on tweets related to stocks, in order to give securities traders information on market sentiment over time
- Technologies used: Python Flask, Twitter API, D3.js, HTML, CSS, JS, Watson API, and AWS Elastic Beanstalk

Portfolio Website

Mar 2018

- Technologies used: HTML, CSS, JS, Bootstrap, particles.js

Volunteering

Robogals · Volunteer

Kingston, Ontario

Sep 2016 to Apr 2017

- Fostered interest in STEM for children in grades 3-4 by teaching them how to program the LEGO EV3 robot

Contact

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in katie-yang

🔗 katieyang

Skills

PROGRAMMING LANGUAGES AND TECHNOLOGIES

AngularJS

AWS

Bash

Bootstrap

CSS

C++

Flask

Git

HTML

JavaScript

MATLAB

PHP

Python

R

SQL

FLUENT IN

English

Mandarin

Awards

RBC ·

2nd Place, RBC Next Great Innovator Hackathon

Sep
2017

- For developing an application to help RBC small business customers grow or manage their businesses

Queen's University ·

Joanne Davidson Memorial Scholarship

Sep
2016

- For being female with highest GPA in second year B.Comm program