

Jahanzeb Khan

<http://jahanzebk.github.io>
j22khan@edu.uwaterloo.ca | (519)-729-7779
4A Computer Science | University of Waterloo

EDUCATION

UNIVERSITY OF WATERLOO
BSC IN COMPUTER SCIENCE
Expected December 2018 | Waterloo, ON

LINKS

Github: [jahanzebk](#)
LinkedIn: [jahanzeb-khan-16594352](#)
Portfolio: [jahanzebk.github.io](#)

COURSEWORK

MACHINE LEARNING
by Andrew Ng. | Coursera

NLP
Natural Language Processing
by Michael Collins | Coursera

UNIVERSITY COURSES
CS 486 - Artificial Intelligence
CS 489 - Neural Networks
CS 454 - Distributed Systems
CS 370 - Numerical Computation
STAT 333 - Applied Probability

SKILLS

PROGRAMMING

Languages

- Python
- Javascript
- PHP
- Rails
- C/C++
- Java

Technologies

- AngularJS
- SASS
- PUG
- Firebase
- Flask
- Laravel
- ElasticSearch
- MySQL
- Linux/Unix
- JQuery
- Wordpress

EXPERIENCE

SHOPIFY | DEVELOPER INTERN

Sept - Dec 2017 | Montreal, QC

- Improved user search experience by working with ElasticSearch by adding synonym support.
- Set up A/B testing experiment to increase machine learning prediction deployment speed from taking hours to milliseconds.
- Solved a large variety of problems in the core backend in the Ruby on Rails framework.

SYMBILITY INTERSECT | WEB INTERFACE DEVELOPER

Jan - April 2017 | Toronto, ON

- Implemented user interfaces from graphical prototypes using many web technologies such as SASS, PUG, and AngularJS.
- Migrated a project to Firebase for efficient and secure data access.
- Made projects production ready by tackling browser specific UI problems.
- Increased team productivity by automating tasks through a variety of APIs including Dropbox, Google, Slack, and Pivotal.

CENTRICATE | LEAD DEVELOPER

Jan 2015 - Dec 2016 | Waterloo, ON

- Built a MySQL database and tackled challenges with strong database design principles, while avoiding structural anti-patterns.
- Eased resume design for users by providing custom AngularJS directives.
- Integrated Stripe to allow users to make payments.

PROJECTS

RPC SYSTEM | JUNE 2017

- Created a C++ library to register and handle Remote Procedure Calls.

TRAVATO | JUNE 2016

[github.com/jahanzebk/travato-api](#)

- Developed a Rails application to connect travellers with locals.
- Designed and created the application database.

READQUICK | MAY 2016

- Processed twitter stream in real time with Amazon Simple Queue Service.
- Designed relational database in MySQL for a streaming application.

ARTICLE CLASSIFIER | JUNE 2014

[github.com/jahanzebk/cppNaiveBayes](#)

- Trained Naive Bayes variant classifier on over 3000 articles, and achieved over 85% accuracy in labelling articles with categories in C++.
- Automated web scraping with Python to gather articles to train and test the algorithm.