Jahanzeb Khan

http://jahanzebk.github.io
j22khan@uwaterloo.ca | (519)-729-7779
3A Computer Science | University of Waterloo

EDUCATION

UNIVERSITY OF WATERLOO
BSc in Computer Science
Expected May 2018 | Waterloo, ON

LINKS

Github:// **jahanzebk**
LinkedIn:// **jahanzeb-khan-16594352**
Portfolio:// **jahanzebk.github.io**

COURSEWORK

MACHINE LEARNING
2014 | by Andrew Ng. | Coursera

NLP
Natural Language Processing
2016 | by Michael Collins | Coursera

SKILLS

PROGRAMMING
Languages
Javascript • PHP • HTML+CSS •
C • C++ • Python • Java
Technologies
MySQL • Laravel • AngularJS •
Linux/Unix • JQuery
Familiar:
MongoDB • C# • Android

EXPERIENCE

CENTRICATE | Lead Developer
Jan 2015 – Present | Waterloo, ON
- Built a MySQL database with over 60 tables and tackled challenges with strong database design principles, while avoiding structural anti-patterns.
- Created special AngularJS directives to ease resume designing for users.
- Set up and maintained PHP Laravel based RESTful API.
- Integrated Stripe to allow payments.

LIVEAPP | Full Stack Developer Intern
May 2015 – Aug 2015 | Waterloo, ON
- Enhanced team image editing productivity by adding image manipulation tools to fabric.js.
- Helped solve many Android and iOS specific problems in mobile web applications.

INSIDE TRENDS | Web Developer
June 2013 – Aug 2013 | Karachi, Sindh
- Developed company's customer facing website using Wordpress.
- Designed the UI and developed a custom theme for the company.

PROJECTS

TRAVATO | github.com/alex-g-54/travato-api
June 2016 – Present
- Developed a Rails application to connect travellers with locals.
- Designed and created the application database.

READQUICK | app.readquick.io
May 2016 – Present
- Processed twitter stream in real time with Amazon Simple Queue Service.
- Designed relational database in MySQL for a streaming application.
- Saved server space by using Amazon S3 Service to store images.

STORE MANAGEMENT APP Jan 2015
- Created a commercial store management web app using the PHP Laravel framework.
- Designed a simple MySQL database to store data.

ARTICLE CLASSIFIER | github.com/jahanzebk/cppNaiveBayes
June 2014
- Trained algorithm on over 3000 articles, and achieved over 85% accuracy in labelling articles with categories.
- Implemented the Naive Bayes (Term-Weighted Complement) algorithm for classifying text documents in C++.
- Automated web scraping with Python to gather articles to train and test the algorithm.
- Also used Scikit-Learn Python library to classify articles as a separate classifier.