

SAEED SOLTANI

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SKILLS

Big Data Technologies: Spark Python, Hadoop
MapReduce, Phoenix, HBase, Hive

Programming Languages: Java, Python, MySQL,
C++

Cloud platform: Amazon AWS, Microsoft Azure

Web Development: CSS, HTML, JavaScript, PHP

Device Programming: Android

EXPERIENCE

Big Data Engineer Best Buy Canada
AUG 2017 – PRESENT, VANCOUVER

- Working on building enterprise Hadoop Data Lake
- Creating end-to-end data pipelines from different sources that will start by capturing the data and ends by visualizing it
- Building streaming applications on Azure to capture and process thousands of streaming data in seconds

DATA SCIENTIST INTERN BLACK DUCK
SOFTWARE

OCT 2016 – JAN 2017, VANCOUVER

- Worked on ETL processing of massive data with Spark and Hive to prepare the data for graph modelling
- Implemented various machine learning models to build a graph with Spark for visualization
- Researched on finding filtering algorithms that could improve the graph calculation

DATA ENGINEER INTERN APPNOVATION
TECHNOLOGIES

JUN 2016 – OCT 2016, VANCOUVER

- Designed and deployed a data warehouse on Amazon Redshift platform
- Created a pipeline on AWS to organize updates and ETL processing procedure automatically

EDUCATION

MSC IN COMPUTING SCIENCE IN BIG DATA

SEP 2015 – APR 2017

SIMON FRASER UNIVERSITY, BURNABY

Studied courses including programming for big data, Machine learning, algorithms for big data and data mining.

BSC IN COMPUTER SCIENCE (WITH HONOURS')

SEP 2010 – MAY 2013

QUEEN MARY, UNIVERSITY OF LONDON

Maintained a first class degree (GPA: 4.0) throughout all the semesters.

TECHNICAL PROJECTS

Drought Prediction, Programming For Big Data 1, Fall 2015

- A project that would predict the drought in the world by using Big Data tools
- Gathered datasets of over 33,000 weather stations of the last 30 years
- Implemented ETL processing and analyzed the data by using Spark Python
- Predicted the weather for all the regions around the globe for the next five years.

Vancouver Housing Price, Programming For Big Data 2, Spring 2016

- Gathered historical data of Vancouver housing price market, Oil Prices, Mortgage rates and US to CAD conversion rates
- Performed ETL processing to clean and organize several types of the data
- Applied machine learning models to analyze the housing price market
- The project brought many media coverage including, CKNW radio, Global news, The Globe and Mail, News 1130 and Ming Pao Daily network.

All the projects available at <http://github.com/sasoltan>