Salim Zubair

Vancouver, BC
778.302.4621
salim.zubair100@gmail.com

LinkedIn: linkedin.com/in/salim-zubair   **GitHub:** github.com/salimzubair   **Portfolio:** salimzubair.github.io

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** Python, TensorFlow, Pandas, Numpy, Scikit-learn, SQL, MongoDB, NLTK, spaCy, Gensim, AWS, GCP, Tableau, Git, Spark, Airflow, Machine Learning, Statistics, Data Science, ETL Pipelines, Cloud Computing
- **Exposure:** JavaScript, Java, PHP, R

>PROFESSIONAL EXPERIENCE

BC Hydro | Machine Learning Engineer | Burnaby, BC   Jul 2018 - Present

- Automated 14,000+ manual-hours by processing over 1.7 million documents for migration to a new cloud repository using Python, Scikit-learn, NLTK, and spaCy. This was previously done manually.
- Built NLP machine learning application to automate document migration projects, minimizing need for expensive outsourcing contracts and saving BC Hydro approximately $500,000.
- Implemented text classification, topic modelling, entity extraction, intent classification and document similarity network algorithms using Python, Gensim, NLTK, spaCy and Scikit-learn to provide structure to millions of unstructured documents.
- Developed project plan and worked with leadership team to shift document migration approach from expensive manual approach to more efficient automated approach.
- Integrated document migration output with IBM FileNet to optimize migration process of 100,000+ documents by over 280X using Python and IBM Content Collector.
- Provided systems architecture and data pipeline consultation in development of cloud GIS and document repository application to be used by 6,000 employees built using JavaScript and ArcGIS.

University of British Columbia | Senior Data Analytics Teaching Assistant | Vancouver, BC   Sep 2017- Jun 2018

- Delivered technical data analysis and data visualization workshops weekly to a class of 40+ 4th year university students, receiving 100% satisfaction assessment in student course review.
- Developed and presented lectures on tools such as Python, Tableau, JavaScript, D3.js, Gephi, and HTML.

BMO Bank of Montreal | Senior Customer Service Representative | Vancouver, BC   Feb 2018 - Jul 2018

- Developed rapport with existing and potential customers as primary point of contact for customer-business relations, provided product advice and financial services to about 80 customers daily.
- Exceeded all sales targets through signing on customers to BMO financial products and services, making approximately 10 sales daily.

>EDUCATION

Master of Information Science, *University of British Columbia*   May 2018
Bachelor of Science in Business Computing Systems, *University of Northampton*   Jul 2017

>PROJECT WORK

TaggerBot | Machine Learning Engineer | github.com/salimzubair/TaggerBot   Sep 2019 - Mar 2020
Machine learning application for enterprise knowledge discovery and document classification.

- Developed NLP application in Python, Scikit-learn, and spaCy utilizing SVMs and neural networks to provide summaries, metadata, and structure to large volumes of unstructured text documents including scanned text.

InterviewBot | Data Scientist & NLP Engineer | github.com/salimzubair/interview-chatbot   Mar 2020
Natural Language Understanding Chatbot that can interview on a job seeking candidate's behalf.

- Developed chatbot utilizing RNNs in Python, TensorFlow, and RaSa NLU, that can understand questions about candidate's skills, experiences, and education and generate accurate responses.

>LEADERSHIP + AWARDS

International Tuition Award, *University of British Columbia*   2017