

# Norbert Eke

NEWLY GRADUATED MASTER'S STUDENT | DATA SCIENTIST

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## Education

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### Master of Computer Science Specializing in Data Science

Ottawa, ON, Canada

CARLETON UNIVERSITY

Sept 2018 - April 2020

Graduated with GPA 11.4/ 12. Master's Thesis in *Cross-Platform Software Developer Expertise Learning*. Advisor: Dr. Olga Baysal

### Bachelor of Science Honours in Computer Science, Minor in Data Science

Kelowna, BC, Canada

UNIVERSITY OF BRITISH COLUMBIA - OKANAGAN

Sept 2014 - April 2018

Graduated with **90 %** in major average

## Work Experience

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### Graduate Researcher and Teaching Assistant

Ottawa, ON, Canada

CARLETON UNIVERSITY

Sept 2018 - April 2020

- I was a Graduate Teaching Assistant for Computer Science courses and I did research towards my Master's thesis titled *Cross-Platform Software Developer Expertise Learning*.

### Data Scientist Intern

Ottawa, ON, Canada

NATIONAL RESEARCH COUNCIL CANADA

May 2019 - August 2019

- I had an internship in NRC's *Data Analytics Center*. Completed a 4-month contract for a government's client. The project was heavy on data collection, NLP, and Bayesian statistics.

### Undergraduate Researcher

Kelowna, B.C, Canada

UNIVERSITY OF BRITISH COLUMBIA - OKANAGAN

May 2017 - August 2017

- Received funding to research *word vector spaces* applied in *feature-based opinion mining*.

### Undergraduate Teaching Assistant

Kelowna, B.C, Canada

UNIVERSITY OF BRITISH COLUMBIA - OKANAGAN

Sept 2015 - April 2018

- Helped students apply concepts taught in lectures via hands-on programming labs.

## Technical Skills

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- Languages and libraries: Python (Pandas, Numpy, Matplotlib, Gensim, Scikit-learn, NLTK, SpaCy, **TensorFlow**, **Keras**), SQL, R (tidyverse packages, ggplot2), Java, JavaScript, HTML, CSS, PHP
- Reporting, and Analytical tools: Tableau, Advanced MS Excel
- Databases: MySQL, PostgreSQL, NoSQL
- Familiar with Client and Server side Web Development. Good understanding of **Algorithm Design**.
- ML approaches: Decision Tree based ML (Random Forest, Bagging, Boosting), Traditional ML (Clustering, Classification, Regression, Market Basket Analysis), **Deep Neural Networks**, **CNNs**, **RNNs**, SVMs, Bayesian Learning, Topic Modeling, NLP, Sentiment Analysis
- Statistical Techniques: Statistical ML, Inference, Probability Theory, Dimensionality Reduction (tSNE, PCA), Time Series Forecasting, Hypothesis Testing, Bayesian Change-Point Analysis
- Familiar with Linux environments. Excellent Report Writing, Analytical, & Communications skills.
- 4 years experience in **Data Science & Analytics** and **Natural Language Processing**.
- 4 years experience in **Database Design**, Software Engineering, **Machine Learning** and **Statistics**.
- Extensive hands-on experience with Data Cleaning, Wrangling, Visualization (D3, ggplot2), **Statistical Modeling**, **Data Mining**, EDA. Good understanding of **Deep Learning** and **Bayesian Statistics**.