

# Norbert Eke

GRADUATING DATA SCIENCE MASTER'S STUDENT

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## Education

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### Master of Computer Science Candidate

CARLETON UNIVERSITY

Ottawa, ON, Canada

Sept 2018 - present

#### Specialization in Data Science. Graduating in April 2020

Master's thesis work in *Software Developer Expertise Learning*. Supervisor: Prof. Olga Baysal

### B.Sc. Honours in Computer Science, Minor in Data Science

UNIVERSITY OF BRITISH COLUMBIA - OKANAGAN

Kelowna, BC, Canada

Sept 2014 - April 2018

Graduated with **90 %** in major average

## Work Experience

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### Graduate Researcher and Teaching Assistant

CARLETON UNIVERSITY

Ottawa, ON, Canada

Sept 2018 - present

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

### Data Scientist Intern

NATIONAL RESEARCH COUNCIL CANADA

Ottawa, ON, Canada

May 2019 - August 2019

- Had a summer internship in NRC's *Data Analytics Center*, and completed a 4 month contract for a government client. Project was in heavy on NLP concepts and bayesian statistics.

### Undergraduate Researcher

UNIVERSITY OF BRITISH COLUMBIA - OKANAGAN

Kelowna, B.C, Canada

May 2017 - August 2017

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

### Undergraduate Teaching Assistant

UNIVERSITY OF BRITISH COLUMBIA - OKANAGAN

Kelowna, B.C, Canada

Sept 2015 - April 2018

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

## Technical Skills

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- 6 years experience in programming with **Java**, 4 years with **R**, **Python** and **SQL**.
- 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, **statistical modeling**, **data mining**, EDA. Basic knowledge of **deep learning**. Good understanding of **bayesian statistics**.
- Familiar with **UNIX/Linux** environments. Excellent **analytical and communications skills**.
- Familiar with client and server side web development. Good understanding of **algorithm design**.

## Academic and Personal Projects

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- **Data Science Undergraduate Thesis:** Identification and Classification of Sexual Predatory Behavior in Online Chat-Room Environments.
- **Data Science Research:** Received funding for word embeddings applied in opinion mining.
- **Statistical Consulting:** Consulted for *Statistical Society of Canada* to create a conference schedule.
- **Machine Learning:** Text Entailment and Semantic Relatedness tasks using deep learning
- **Software Engineering:** Capstone project with **notTV**, building a video sharing platform.
- **Data Science Research Paper:** Feature Based Opinion Mining: A Modern Approach