

## EDUCATION

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### University of Birmingham (Ongoing)

*Master of Science of Computer Science (Distinction / 1st predicted)*

09.2021 - PRESENT

- **Machine Learning and Artificial Intelligence:** explored various techniques and problem solving implementations
- **Data Structures, Algorithms, and Databases:** analysed and compared a plethora of algorithms as well as database design
- **Programming: Java, JavaFX, SQL** - developed software systems from specification through design, implementation and documentations of applications
- **Research Project:** Natural Language Processing - Impact of machine translation on sentiment

### University of York

*Bachelor of English Language and Linguistics (1st)*

09.2018 - 07.2021

- Explored various topics in Syntax, Semantics, Pragmatics, Phonetics and Phonology, Psycho-linguistics, Language Acquisition, Sociolinguistics, and Neurolinguistics

## PROJECTS

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### Twitter Sentiment Analysis Web App

- A web app constructed with and hosted on Streamlit. Based on python, it utilises Twitter's API v2 to retrieve tweets using hashtags and conducts Sentiment Analysis operations on the data, providing various visual data representation.

## EXPERIENCE

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### GoToCo

Beijing, China

*English Teacher*

07.2019 - 08.2019

- Taught English linguistics classes varying in sizes from 6 to 20 with students aged between 8 and 18
- Managed students in and outside classes, organisation of 5+ activities and student talent shows
- Demonstrated time and team management skills in developing schedules for both students and staff, doubling student satisfaction
- Identified issues with old curriculum and improved upon it by developing new curriculum resulting in a 50 percent increase in student participation and grades

## ADDITIONAL INFORMATION

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### Technical competencies

- **Programming languages** - Java, Python 3, LaTeX, SQL
- **Technical Competencies** - JavaFX, PostgreSQL, Maven, Git/GitHub, IntelliJ, VSCode
- **Linguistics skills** - Luxembourgish (native), English (native), German (near-native), French (proficient)

### Skills

- Reliant expertise developed through academic research and efficient independent mentoring experiences
- Capable leadership acquired through countless team assignments by delegating responsibilities, tackling group issues, and creating schedules leading to the completion of complex tasks ahead of tight and stressful deadlines
- Design and problem solving capabilities demonstrated by setting up a server to communicate with 100+ MSc students while using bots for management

### Certificates

- Teaching English as a Foreign Language (TEFL)
- Programming for Everybody (Getting Started with Python) [University of Michigan]
- York Award - recognition of personal and professional development during higher education