

EDUCATION

University of Birmingham

Master of Science of Computer Science (Predicted First, Grade TBA) 09.2021 - 09.2022

- **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

Personal portfolio website

- A portfolio website build using HTML and CSS summarising all my details and projects.

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

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 curriculum issues and improved upon it by developing new curriculum resulting in a 50 percent increase in student participation and grades

ADDITIONAL INFORMATION

Technical competencies

- **Programming languages** - Java, Python 3, LaTeX, SQL, HTML, CSS
- **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
- 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