**Qin Tao Zeng**

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# Education

2022 – Present **University of Birmingham**

BSc Hons Computer Science

Expected Graduation: June 2025

2018 – 2022 **Szinyei Merse Pal Secondary School**

High School Diploma

All subject achieved above 80%

# Technical and Languages Skills

Programming Languages Python | Haskell | JavaScript

Data & Analysis PostgreSQL, Excel, Data visualization

Machine Learning Experience with NLP and ML models (LSTM/BiLSTM, BERT and LLMS) and libraries (Pandas, scikit-learn, Pytorch, Hugging Face)

Development Tools Agile, Git, CI/CD

& Methodologies

Language Chinese: Native | Hungarian: Bilingual | English: Advanced

# Work Experience

2024 **Sales & Logistics Admin Intern**   
*SAIC Motor Central and Eastern Europe Kft.*

*Budapest, Hungary*

* Automated logistics and sales processes using Python scripts and Excel macros, reducing task time by 30%
* Developed applications including:
  + Data Extractor: Automated Excel data extraction and processing, significantly improving workflow efficiency
  + Price List Scraping: Extracted car price data from 5+ brand websites, cutting data collection time by 50%
* Created regular sales reports to enhance strategic decision-making.
* Conducted more than 10 dealer visits across Hungary, gaining industry insights and building stronger relationships with dealers.

# Project Experience

Present **Sentiment Analysis Web Application Project**

*University of Birmingham*

* Conduct advanced text processing, including tokenization, lemmatization, and feature engineering.
* Build and evaluate machine learning models (SVM, LSTM, BiLSTM, BERT,
* LLM - DeepSeek) for sentiment analysis of job reviews.
* Develop a recommendation system to assist users in career guidance and decision-making.
* Design and implement a full-stack web application utilizing a modern technology: Next.js, PostgreSQL, Redis, Auth.js.
* Focus on scalability, user-friendly interface design, and seamless integration of machine learning components

2023 – 2024 **Web Development Team Project**

*University of Birmingham*

* Developed a full-stack web application for the Tabletop Gaming Society (TTGS) using Java, TypeScript, SQL and Angular.
* Utilized Agile Methodologies, git, and software evaluation processes.
* Main focus was a game management system to add, delete, and sort games.

2023 **Software Design Project for Sustainable Society**

*University of Birmingham*

* Led the development of GreenScan, a mobile application promoting environmental sustainability.
* Contributed to prototyping with Figma, requirement engineering, software specification, user and market research.

# Certifications

2020 Python for Everybody – Coursera, University of Michigan

2020 Python Data Structure – Coursera, University of Michigan

2023 Google Data Analytics – Coursera, Google

# Extracurricular Activities

Thai Boxing Demonstrated discipline, perseverance, and resilience through regular training.

Canoeing Developed teamwork and communication skills while navigating challenges in outdoor environments.