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 & Methodologies	Agile, Git, CI/CD
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.