Qin Tao Zeng

3rd Year Computer Science student at University of Birmingham

Contact Information

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Education

| 2018 – 2022 | **Színyei Merse Pál Secondary School** |
| | All érettségi subject achieved above 80% |

2022 – Present	**University of Birmingham**
	BSc Hons Computer Science
	Expected Graduation: June 2025

Technologies and Languages Skills

| IT | Python | Java | PostgreSQL | Haskell | HTML | CSS |

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

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%.
- Strengthened automation skills and gained industry insights into logistics and sales processes.
- Example Projects and Tasks:
  - MG Data Extractor App: Designed a Python application to automate Excel data extraction and processing, significantly improving workflow efficiency.
  - Car Price List Automation: Automated car price data extraction from 5+ brand websites, reducing data collection time by 50%.
  - Daily/Weekly Reports: Created regular sales reports that enhanced strategic decision-making by providing timely insights and analysis.
  - Dealer Visits: Visited 12 dealerships across Hungary, including Szekszárd, Pécs, and Miskolc, gaining industry insights and building stronger relationships with dealers.

Project Experience

2023

Software Design Project for Sustainable Society

University of Birmingham

- Spearheaded the development of an innovative mobile application, GreenScan, aimed at promoting environmental sustainability.
- Overall, mark 76% after evaluation.
- Key Contributions: Requirements Engineering, Software Specification, Analysis and Design with UML, Usability and Prototyping.

2023 – 2024

Web Development Team Project

University of Birmingham

- As a part of the team developed a full-stack web application for one of the societies in the university - TTGS (Tabletop Gaming Society) using Jhipster, Java, TypeScript, Angular and industry-standard Agile techniques.
- Overall, mark 71% after evaluation.
- Key Contributions: Utilized git, Kanban, CI/CD, and peer review, Ensured seamless communication between features and the database. Developed the game management system to add, delete, and sort games.
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Present

Sentiment Analysis Software Development Project

University of Birmingham

- *Project Planning:*
  - Developing a machine learning model to analyse sentiment in job reviews, utilizing Python, Natural Language Processing (NLP), and comparing sentiment classification techniques (Linear Regression/Logistic Regression/SVMs/Neural Network especially LSTM/BiLSTM /BERT).
  - Processed large datasets to extract key insights on employee opinions, providing feedback for career recommendations.
  - Built a data visualization dashboard using to display career trends, heat maps for different roles in each country.
  - Develop and design a website featuring an interactive 3D homepage, skill map that visualizes the user's current skills and identifies areas for development.

Certifications

2020   Python for Everybody – Coursera, University of Michigan
2020   Python Data Structure – Coursera, University of Michigan
2023   Google Data Analytics – Coursera, Google