Qin Tao Zeng

2nd Year Computer Science student at University of Birmingham

Contact Information

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Education

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

Programming Languages

Java | Python | PostgreSQL | Haskell | C | JavaScript | TypeScript | Angular

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Project Experience

Software Engineering for Sustainable Society Project
University of Birmingham, 2023

- 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.

Agile Team Project
University of Birmingham, 2023

- As a part of the team developed a full-stack web application for the TTGS (Tabletop Gaming Society) using Jhipster 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.

Work Experience

Organizer of Szinyei Prom After Party
World Is Mine After Party
Budapest, Hungary | 2021

- Managed event planning process, budget parameters, transportation, and lodging of guests.

Sales & Logistics Admin Intern
SAIC Motor Central Kft.
Budapest, Hungary | Jul 2024 – September 2024

- Executed Python-based automation projects, leading to a 50% increase in productivity by streamlining business logistics operations.

- Technical Implementation: Developed and utilized Python scripts and Excel macros to automate and enhance logistics and sales processes, reducing manual task time by 40% and increasing overall process efficiency.

- Projects and Tasks:

  1. MG Data Extractor App: Designed a Python application for extracting and processing Excel data, handling over 5 file types and more than 1000 files.
  2. Address Corrector: Created a tool that corrected and standardized addresses in over 500 Excel files, improving data accuracy.
  3. Car Price List Automation: Automated the extraction and structuring of car price list data from 5+ car brand websites, reducing data collection time by 50%.
  4. Database Protocol: Developed and implemented protocols for maintaining and updating databases.
  5. Daily/Weekly Reports: Created and maintained daily and weekly sales reports, providing management with up-to-date insights and analysis, and contributing to strategic decision-making.
  6. Dealer Visits: Conducted site visits to 12 dealerships across Hungary, including Szekszárd, Pécs, and Miskolc, to assess operations and provide support, strengthening dealer relationships and gaining valuable industry insights.

- Key Achievements:

  1. Achieved a 30% reduction in processing time for sales logistics operations through automation.
  2. Improved data handling and reporting accuracy by 25% with customized Python scripts and tools.
  3. Enhanced data collection and reporting efficiency, cutting manual effort by 50%.

Certifications

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

Language Skills

- **Chinese:** Native • **Hungarian:** Bilingual
- **English:** Fluent (IELTS overall mark 7)

Activities and Interests

- **MMA:** 3 years (Chinese Kung Fu Club Budapest)
- **Volleyball:** 1 year (ELTE Volleyball Team)