Hasan Erdem Ak

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Professional Experience

Bumper UK   Sep 2022 – Dec 2022 | Ankara, Türkiye
Back-End Developer Intern
- Developed applications for the company's website admin panel using HTML, CSS, JavaScript, Python, Django, SQLite, and following the MVT pattern.
- Created an application to transfer data from a text field to the database, supporting CSV input/output and implementing data validation.
- Developed a user-friendly application for updating database model values, allowing bulk updates of common fields across selected items.

Innova IT Solutions   Jan 2022 – Apr 2022 | Ankara, Türkiye
Front-End Developer Intern
- Contributed to the development of the LEGA web application, a Spring-based project that implements a microservices architecture following REST principles, using TypeScript and the Angular framework.

SimBT   May 2021 – Sep 2021 | Ankara, Türkiye
Full-Stack Developer Intern
- Developed WPF applications in .NET using C#, XAML, and MVVM, utilized Unity for specific project components, and played a key role in Turkey's first domestic virtual bridge simulator project.
- Created simulation panels, utilizing UDP for communication and implementing multithreading for enhanced performance.
- Addressed hotfixes, resolved bugs, and conducted performance analysis tasks.

Education

Computer Engineering Bachelor's Degree   Sep 2018 – Sep 2023 | Ankara, Türkiye
TOBB University of Economics and Technology
- Relevant Coursework: Object-oriented programming, Data Structures, Algorithm Analysis, Design Patterns, Database Systems, Software Engineering, Operating Systems, System Programming, Computer Network and Security, Computer Architecture and Design, Machine Learning, Artificial Intelligence, Natural Language Processing, and Introduction to Cyber Security
- Extracurricular Activities and Leadership Roles: Technical lead of Google DSC TOBB ETU, Founder chairman of Table Tennis Society, Vice chairman of Music Society, Vice chairman of the Algorithmic Finance Society, and Board member of Blockchain Society

High School Diploma   Aug 2018 | Sakarya, Türkiye
Karasu Anatolian High School
- GPA: 3.93 (School Rank: 1)

Skills

Java | C# | C | Python | HTML | CSS | JavaScript | .NET | WPF | Unity | Spring | Django
OOP | SQL | PostgreSQL | MSSQL | SQLite | Jira | Git | CI/CD | RESTful API | Unit Testing
Scrum | Design Patterns

Languages

English (B2), **German** (A1)

Certificates

Problem Solving (Basic) (2023) (HackerRank)

Introduction to Python Programming (2021) (Developer Ecosystem Programs)

Beginner's Series to Blockchain (2021) (Google DSC TOBB ETU)