BERKAY HANÇER
Computer Engineer

COMMUNICATION

📞 +90 546 284 30 83

✉ hberkay2159@gmail.com

📍 No.06, Uzunköprü Street,
Hacıevhat Neighborhood, 59300
Malkara, Tekirdağ, Turkey

ABOUT ME

I graduated as the top student in my department **(GPA: 3.72/4.00)** from the Computer Engineering Department at Balıkesir University. I have a strong background in **web development** and **algorithmic trading**. I develop scalable web applications using modern web technologies **(Next.js, React, Vite.js, ASP.NET)** and also work on algorithmic trading projects. My goal is to use my programming and analytical skills to bridge the gap between technology and finance, focusing on algorithmic trading and modern web development. I aim to produce scalable and innovative solutions based on clean code and analytical thinking, prioritizing performance and sustainability.

📅 21 April, 2003

🐙 https://github.com/berkayhancer21

in www.linkedin.com/in/berkayhancer

ACHIEVEMENTS

- Malkara Anatolian High School - Valedictorian
- Balıkesir University – B.Sc. in Computer Engineering — Valedictorian

LANGUAGES

- English — B1 (CEFR)

WORK EXPERIENCE

Intern – 2KEKGAMES, Turkey (Summer 2024)
- I contributed to the design, testing, and optimization processes of **automated trading strategies**.
- I collaborated with a cross-functional team to improve system performance and integrate new features for algorithmic trading projects, thereby increasing the project's performance by 20%.

Intern – KAANLAR, Turkey (Summer 2025)
- I developed a desktop application that performs **CRUD** operations with **Entity Framework** and includes employee addition, deletion, and task tracking functions.
- I optimized data processing using **SQL** and **LINQ** queries, thereby increasing the application's performance by approximately 20%.

EDUCATION

MALKARA ANATOLİAN HİGH SCHOOL, TEKİRDAĞ, TURKEY (2017–2021)
- HİGH SCHOOL VALEDİCTORİAN (95/100)

BALIKESİR UNİVERSİTY – B.SC. İN COMPUTER ENGİNEERİNG, BALIKESİR, TURKEY (2021–2025)
- TOP STUDENT İN THE DEPARTMENT (GPA: 3.72 / 4.00)

SKILLS

Programming Languages:
- C#, Python, JavaScript (ES6+)

Web Development:
- React, Next.js, Vite, ASP.NET
- Tailwind CSS, CSS Modules, Responsive design
- RESTful API's, Fetch/Axios, JSON, Flask API, Django

Databases & ORM:
- MySQL, MSSQL, MongoDB
- Entity Framework (Code First, Migrations), LINQ

Algorithmic Trading:
- Backtesting and data manipulation: pandas, NumPy
- Data visualization: matplotlib / Plotly
- Modeling & feature extraction: scikit-learn

Tools and Technologies:
- Git, GitHub/GitLab
- Node.js, npm
- Linux,
- Postman(API test)

Professional Competencies:
- Project Management, Problem Solving, Effective Teamwork, Technical Documentation

PROJECTS

Algorithmic Trading Bot (Final Project)
- I collaborated with my team members to design and implement an automated trading bot by integrating multiple strategies for real-time trade execution.
- I used AI-powered components and real-time market data to improve decision-making processes and optimize trading performance.

TÜBİTAK 2209/A – Artificial Intelligence-Supported News Trading
- By researching the impact of news-based data on trading strategies, I applied machine learning techniques to make more accurate market predictions.
- I submitted an advanced AI-focused algorithmic trading framework aimed at improving trading results with real-time insights to the TÜBİTAK 2209/A program with my team, and I played a significant role as project manager in the process of our project being supported by TÜBİTAK.

Web Development Projects
- I designed scalable web applications focused on modern front-end architecture and powerful user experience using React, Next.js, and Vite.js, and deployed them to production environments.
- Among the projects I have published are a movie recommendation website, a personal portfolio, and a cryptocurrency price alert application.