

Katarzyna Stańczyk

CS Engineering Student

Experience

De Heus, Łęczyca

IT .NET Intern

10.2025 - present

- Develop and maintain internal business applications in .NET
- Work with SQL databases and Entity Framework Core (data access, queries, changes in domain models).
- Collaborate in a team workflow using Git, Bitbucket and Jira (tasks, reviews, fixes).
- Support troubleshooting and improvements in existing modules (bug fixing, small features).

Tchibo, Łódź

09.2024 - 12.2025

Customer advisor | Barista

- Delivered high-quality customer service in a fast-paced environment and handled day-to-day operations.
- Strengthened communication, problem-solving and teamwork skills under time pressure.

University of Łódź

10.2023 - present

Member: UKWSS UŁ, WRSS WFIS UŁ, URSS UŁ

Engaged in creating content and managing social media channels to promote university events

F.H.U. „Bożenka”, Łęczyca

05.2023 - 10.2023

Office assistant

Handled administrative tasks and customer communication

Education

University of Łódź

(expected 2027)

B.Eng. in Applied Computer Science

Specialization: Programming and Algorithms

2023 - present (5th semester 3 year)

Projects

Presentation Helper

Desktop app enabling hands-free PC control using real-time hand tracking and gesture recognition (cursor actions + keyboard shortcuts).

Python OpenCV MediaPipe Automation PyQt

Conway's Game of Life

Full-stack implementation of Conway's Game of Life with a clean separation between UI and backend. Blazor WebAssembly frontend communicates with an ASP.NET Core API

C# ASP.NET Core EF Core Blazor SQL Server

Fourier Transform – DFT & FFT

Implemented DFT/FFT and inverse transforms from scratch for 1D/2D signals, including spectrum analysis, reconstruction, and noise experiments. Compared runtime and reconstruction accuracy.

Python Signal Processing NumPy Matplotlib

More projects on my [github](#)

Contact

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<https://www.linkedin.com/in/katarzyna-stanczykk>

About me

I'm a Computer Science student who enjoys building software that actually works in the real world – clean, reliable, and useful. Currently, I work as an IT .NET Intern, developing internal business applications using ASP.NET Core, EF and SQL. It's where theory meets practice and where I'm learning how real teams design, ship, and maintain production code.

I'm naturally curious, learn fast, and stay calm when things get messy. I adapt quickly, ask the right questions, and focus on getting things done – even when requirements change halfway through.

And yes – I'm powered by good coffee :)

Skills

Core

ASP.NET Core Entity Framework REST / Web API

Programming

C++ Python PHP

Databases

Oracle SQL SSMS SQL Server

Web

JavaScript HTML CSS Three.js

OS & Scripting

Linux bash Windows batch

Data

PyTorch NumPy Pandas Matplotlib

Tools

Bitbucket Jira Git

Languages

Polish Native

English BI

German CI

Interests

Digital graphics and visual design, photography, music (piano, clarinet, vocal) and coffee.