

[CHECK MY WEBSITE](#)

inż. Szymon Józwiak

SOFTWARE DEVELOPER

WORK EXPERIENCE



Frontend Developer | Egynte
July 2025 - Present

I co-create advanced **SaaS** solutions for **Cloud File System**-type systems, using **React** and **TypeScript** to build scalable and efficient user interfaces. My work focuses on delivering product functionality.

Stack:



QA Engineer | Capgemini
July 2024 - July 2025

I was responsible for writing **automated tests** in **JavaScript** using **Playwright**. I worked on two projects—one in the **banking sector** and the other in the **public sector**, involving **sensitive data**.

Stack:



COMPETITIONS



NASA Space Apps Challenge | II PLACE
October 2024 | Szczecin

As the ExoUAM team, we developed an educational astronomy platform allows users to explore exoplanets through interactive chats with AI, data collection, and realistic 3D visualizations of the sky as seen from alien planets (based on NASA datasets).



HackYeah 2024 | II PLACE
Ministry of Finance | <Go[TaxAssistant] FinTax>
September 2024 | Krakow

more info below.



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EDUCATION



Master's degree | Computer Science | spec. AI
at Adam Mickiewicz University
February 2026 - Present

Thesis (in progress):

An AI system for **intelligent knowledge fusion** from articles, using **set algebra** operations on semantic atoms to **eliminate redundancy** and automating the extraction of unique facts from multiple sources. The goal is to develop an efficient mechanism for reducing information noise.

Languages: Python, TS & React (for UI)



Engineer's degree | Computer Science
at Adam Mickiewicz University
October 2022 - February 2026

Thesis:

DAIA - Decentralized AI Agents - framework providing a communication **protocol for AI agents**, utilizing the **BSV** blockchain for **immutable** contract verification. As a Frontend Developer, I designed and implemented a **responsive** web platform (**React, TypeScript, Vite**) integrated with the **blockchain API**, serving as both the project's landing page and evidential dashboard. My scope included building the UI for transaction verification, implementing **GitHub-integrated support** systems, and deploying a **multi-language (i18n) architecture** and **PDF-generator (jsPDF)**.

[CHECK MY PART ON \(BE IS OFF\): HTTPS://D4IA.GITHUB.IO/DAIA/](https://d4ia.github.io/daia/)



HackYeah 2024 | II PLACE
Ministry of Finance | <Go[TaxAssistant] FinTax>
September 2024 | Krakow

A project for the Ministry of Finance to create an AI-powered tax assistant. The application enabled intuitive completion of PCC-3 forms with a live data preview, generating XML files for easy upload to the Ministry's website. Users could also consult the AI assistant, trained with RAG using government website data. It was the biggest challenge of the event, with 47 teams participating.

#b_hack Hackathon | WINNER
Council of the Baltic Sea States
July 2024 | Lubeck



The application focused on regenerative tourism and sustainability, promoting proactive action against climate change. Users explored local businesses and activities that contribute to environmental restoration, earning points for their participation and fostering meaningful connections with communities and nature.



Hacknarök | II PLACE
EESTEC AGH Krakow
April 2024 | Krakow

An application designed to help maintain focus by analyzing head and eye movements. It featured a tool for creating work cycles based on the Pomodoro technique, suggesting break times when signs of fatigue were detected to ensure optimal productivity and well-being.



mHack | Honourable mention
Ministerstwo Cyfryzacji
October 2023 | Wroclaw

An application for managing citizen petitions, designed to integrate seamlessly with the mObywatel 2.0 platform. The only honourable mention among over 20 participating teams, recognizing the project's scalability and impact on digital public services.

PODCAST



Tu dzieje sie nauka podcast | "W ogniu hackathonow"
May 2025

Link: <https://tinyurl.com/podcast-sjozwiak>

SCHOLARSHIPS



Rector's Academic Scholarship 2025/2026

Awarded a year-long II tier academic scholarship for scientific achievements.



Rector's Academic Scholarship 2024/2025

Awarded a year-long I tier academic scholarship for scientific achievements.

EVENT ORGANIZATION

Meetup When AI Meets Cybersec
November 2025

Delivered a keynote presentation titled "Cybersecurity in the Age of Algorithmic Disinformation: How to Build Digital Resilience." The session focused on the evolving threat landscape driven by AI-generated misinformation, providing actionable strategies for enhancing digital defenses and critical analysis in an era of automated deception.

Hack of Tomorrow
March 2025

Co-organized a hackathon as part of the Tech Of Tomorrow event. Responsibilities included acquiring sponsors, logistics, agenda, media coverage, and overall event coordination. Served as a mentor and gave a speech on work organization in short-term programming projects. The event brought together international teams using AI Agents and Blockchain, competing for a prize pool over \$14,000.

Ultimate Hackathon Mission 3.0
June 2024

Organized a Hackathon from scratch at Adam Mickiewicz University. Responsibilities included managing logistics, coordinating with business partners such as Allegro, Capgemini, Crehler, and Rockwool, as well as preparing the challenge for participants