



# MACIEJ WOJDOWSKI

## IT STUDENT

### CONTACT

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### EDUCATION

#### POLISH-JAPANESE ACADEMY OF INFORMATION TECHNOLOG

Engineer's Degree in Informatics  
(Expected Feb 2026)

- Specialization: Artificial Intelligence
- Relevant Coursework: Machine Learning, Technical Analysis, Data Structures and Algorithms, Advanced Python Programming
- Skills Developed: Python, C++, C#, Java, .NET, Git, SQL

### SKILLS

- Programming: Python, C++, C#, Java, .NET, JavaScript, SQL
- Tools: Git, Microsoft Office, Jesse Framework, Jira
- Trading Expertise: Technical Analysis, Day Trading, Algorithmic Trading, Backtesting Strategies.
- Soft Skills: Analytical Thinking, Problem-Solving, Tutoring.

### LANGUAGES

- English (Fluent)
- Polish (Fluent)
- German (Basics)

### PROFILE

I am a motivated Computer Science student specializing in Artificial Intelligence with strong skills in programming, algorithm development, and data analysis. My studies and projects have built my technical and problem-solving abilities, enabling me to create innovative software solutions. I am eager to drive digital transformation across various industries, from finance to business process automation.

### WORK EXPERIENCE

- Computer Science Tutor** 2022 - 2023  
Ambitni
  - Provided one-on-one tutoring in Python and general programming concepts.
  - Mentored students in problem-solving, algorithm design, and coding techniques, contributing to their academic success.
  - Developed custom teaching materials and exercises to cater to individual student needs.
- Day Trader & Algorithm Developer** 2022 - present  
Self-Employed
  - Actively traded cryptocurrencies with a focus on short-term price movements, market analysis, and liquidity management.
  - Designed and implemented a Python-based trading bot using the Jesse framework, optimizing it with the Alligator strategy for automated trading and backtesting.
  - Conducted detailed performance analysis and gained insights to enhance trading algorithms, with a roadmap to integrate machine learning for predictive decision-making.
  - Developed strong risk management techniques to minimize losses and maximize profitability.

### ACHIEVEMENTS

- Placed top 10% on trading tournament 2024 WSOT.
- Successfully traded cryptocurrencies, consistently applying technical analysis for profitable results.
- Contributed to improving students' understanding of computer science concepts through personalized tutoring sessions.
- Launched a memecoin on the Solana blockchain, gaining valuable experience in blockchain technology and market analysis.

# PROJECTS

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## Forum Chat Application

Java, Kafka

Designed and developed a forum-based chat system leveraging Java and Kafka for real-time message processing and efficient data handling.

## Cryptocurrency Trading Bot

Python, Jesse Framework

Built a trading bot implementing the Alligator strategy, achieving a 320% return in backtests over three years of data. The bot automates trading tasks and provides detailed performance analytics.

## Machine Learning Number Recognition

Python

Created an ML-based system to accurately recognize numbers, even with slight blurring, improving performance through data augmentation and preprocessing techniques.

## API Controller

C#, .NET

Developed a robust API controller to manage backend processes, enabling secure and efficient communication between services.

# COURSES

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- The complete trading course Key Level and Market structure (udemy)
- Advanced trading course : The complete Smart Money Concepts (udemy)
- The Advanced Cryptocurrency Trading Course - With Strategies (udemy)
- The Complete Foundation Stock Trading Course (udemy)
- AI-Agents: Automation & Business with LangChain & LLM Apps (udemy)

# INTERESTS

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- Financial Markets: Deeply interested in the dynamics of financial markets, with a primary focus on cryptocurrencies.
- Performing Arts: Experienced singer with over 30 live performances on the stage, demonstrating confidence, creativity, and audience engagement.

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).