

Jakub Pieczonka

✉ kubson.pieczonka@gmail.com

🌀 Arkantanti

🇵🇱 Polish

Education

- 2026 – present 📌 **BA (Hons) Computer Science, University of Cambridge.**
Trinity College. United Kingdom.
- 2025 – 2026 📌 **BSc. Computer Science, Delft University of Technology.** *Discontinued.*
Netherlands, Delft. Grade average: 9.5/10 (Q1-Q4 results)
- 2021 – 2025 📌 **High School no. 3.**
Poland, Gdynia.

Projects

- 2026 📌 **Invoice Reader**, personal project.
LLM-based invoice field extraction pipeline, synced with the Saldeo Smart API. Refer to GitHub.
- 📌 **Snake — Deep Q-Learning**, personal project.
Reinforcement learning engine for Snake using Deep Q-Learning. Refer to GitHub.
- 📌 **AI Cup Bird Trajectory Classifier**, Kaggle competition.
A classification model to identify bird species for a Kaggle challenge. Refer to GitHub.
- 📌 **Collaborative Software Engineering Project**, part of TU Delft Bachelor.
An app for tracking recipes, built with Spring Boot and Java FX. Refer to GitHub.
- 2025 📌 **Geometry Handbook for Olympiad Maths**, part of tutoring employment.
Written in polish for the Junior Maths Olympiad.
- 2024 📌 **Math Lecture in Budapest**, Joy of Thinking Foundation. *Handout.*

Achievements & Awards

- 2024 – 2025 📌 **Minister of National Education Scholarship** x2.
- 2025 📌 **Laureate Title of degree II**, Polish Maths Olympiad.
- 2024 📌 **1st Place**, Baltic Way Maths Olympiad.
Part of the Polish team.
- 📌 **Third Prize**, European Mathematical Cup.
- 📌 **Laureate Title of degree IV**, Polish Maths Olympiad.
- 2023 📌 **Finalist Title**, Polish Maths Olympiad.
- 2022 – 2025 📌 **Maths Náboj Competition**, multiple participations.
Best result - 4th place, international, senior category.

Skills

- Languages 📌 Polish native, English fluent.
- Programming 📌 Java, Python, SQL, $\LaTeX$, Assembly, Git.
- Web Dev 📌 HTML, CSS, JavaScript, Node.js, Express, Firebase.
- ML / Data 📌 Scikit-Learn, PyTorch, Pandas.
- Testing 📌 Selenium, Mockito, Jqwik.

Programs and Teaching

- 2026 📌 **ESPR camp participant** (selective international programme), Shropshire, UK.
- 📌 **Maths Beyond Limits Balkans tutor**, Bosnia and Herzegovina, Konjic.
- 2025 📌 **MIKO x INUNI teaching staff**, national maths camp, Poland, Poronin.
- 2023 – 2025 📌 **Maths Beyond Limits participant** x4, Poland and Bosnia and Harzegovina.