

Tomasz Rymaszewski

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EDUCATION

Imperial College London
Biomedical Engineering MEng

London, UK
2026 – Present

Akademeia High School
Secondary Education

Warsaw, Poland
2022 – 2026

- A-Levels: Mathematics (A*), Further Mathematics (A*), Chemistry (A*), Physics (A), Polish (A)

EXPERIENCE

Nencki Institute of Experimental Biology
Research intern

Warsaw, Poland
Jul 2026 – Aug 2026

- Spent two weeks in a research lab which investigated the synaptic plasticity of mice, specifically in the hippocampal region and amygdala
- Assisted with training and dissection of mice. Sectioned the brains into 40-micrometre slices, prepared them for fluorescence microscopy, and took part in the analysis

The Villars Institute Foundation
Fellow

Villars-sur-Ollon, Switzerland
Oct 2025 – Present

- Was invited to the prestigious conference hosted by the Villars Institute Foundation for high school, university students and educators from around the world
- Attended lectures and workshops about effective leadership, public speaking and climate change. Had the opportunity to speak with world-renowned scientists and leaders and meet many new interesting people

PUBLICATIONS AND ARTICLES

Meta Review of Non-Invasive and Cost-Effective Biological Age Testing Methods
Lead author

Feb 2025 – Aug 2025

- Researched and wrote a meta-review on non-invasive, statistical approaches to determining the biological age in humans
- Published the paper with a postdoctoral researcher in Department of Biostatistics and Translational Medicine Medical University

A Systematic Benchmark of Vector Stock Embeddings (Preprint)
Independent researcher

Dec 2025 – Oct 2026

- Replicated a stock embedding system described by BlackRock researchers and constructed a modular pipeline to find and test superior training techniques and parameters
- Trained and evaluated embeddings across 4 universes, 4 embedding algorithms (and 2 raw baselines), 5 graph construction methods, 6 market removal techniques, dozens of hyperparameters and 7 evaluation metrics

Innovation That Will Change Tomorrow (Business Insider Article)
Solve for Tomorrow competition team member

May 2025

- Mentioned in a Business Insider article about my team's Samsung Solve for Tomorrow competition project
- Credited as Software & Design Engineer on our team, whose patient-monitoring system was honoured with the Most Positive Impact award at the competition

EXTRACURRICULAR ACTIVITIES AND PROJECTS

Yankilevich.com Online Store

Website Developer & Designer

Oct 2025 – Present

- Worked closely with Ignacy Yankilevich, a Polish fashion designer, on the launch of his store for the first collection release
- Continue to maintain and update the website and work closely on the marketing

Vital (Samsung Solve for Tomorrow competition project)

Warsaw, Poland

Software and Design Engineer

Sep 2024 – Apr 2025

- Greatly contributed to the design and development of the software for a medical arm band which measured ER patients' vital signs in real time
- Was awarded the Most Positive Impact award after presenting the project on video and later in front of a large audience

SKILLS & INTERESTS

<i>Languages:</i>	English (Bilingual), Polish (Bilingual), Italian (Intermediate)
<i>Technical Skills:</i>	Web design and development (HTML/CSS/ReactJS), SaxoTrader, AI Agents (deployment and expert use)
<i>Certifications:</i>	Systems Leadership Program, Inspirit AI Scholars Program