

Erikas Kadiša

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EDUCATION

University of Luxembourg

Luxembourg

Bachelor in Computer Science (BiCS) — GPA: 18.6/20

Sep 2024 – Jun 2027 (Expected)

- **Awards:** Luis y Antonio Portabella Scholarship; Global Exchange Award (HKUST); Best Scientific Poster Award
- **Activities:** Global Exchange at HKUST; Study Programme Representative; ELITE Club President

EXPERIENCE & PROJECTS

Flicky — TikTok-style Platform for Founders & Investors

HKUST

Course Project | Flutter, Supabase, Cloudflare R2, Figma

Feb 2026 – May 2026

- Designed full system architecture covering UI/UX, user flows, role & access matrices, and data management in Figma.
- Built a mobile platform with email/password and Google OAuth2 auth, video feed, video uploads, profile customisation, and user/content search.

LoRaWAN Mesh Network Control System for Virtual Rover

HKUST

Course Project | ESP32, LoRaWAN, Bellman-Ford Routing

Feb 2026 – May 2026

- Built a LoRa mesh network (Controller/Relay/Endpoint roles) with Bellman-Ford distance-vector routing and a topology dashboard driven by signal strength.
- Developed a web-based rover simulator bridged to a physical ESP32 endpoint, enabling real-time remote control over the mesh.

Next-Day Closing Price Forecast for “GLD” ETF

University of Luxembourg

Semester Project | BiLSTM-CNN, PyTorch, NumPy, Java

Sep 2025 – Jan 2026

- Aggregated 10 years of ETF trading data, engineered financial features, and built a Bi-CNN-LSTM model achieving **55%** directional accuracy and **+19.9%** annualised returns in expanding-window cross-validation.
- Delivered a polyglot Java GUI application for live inference against the trained model.

AI-Generated Code Detector

University of Luxembourg

Research Assistant | CNNs, TensorFlow, PyTorch

Mar 2025 – Dec 2025

- Developed a CNN classifier mapping source code to RGB images, achieving **97.7%** accuracy distinguishing human vs. AI-written Java (ChatGPT, Gemini, Claude, Copilot, DeepSeek).
- Curated and preprocessed a **67,760-sample** Java dataset (half AI-generated via automation).

LEADERSHIP

Club President — ELITE

University of Luxembourg

Student Organisation

2025 – 2026

- Led workshops on leadership and public speaking; co-organised Blockchain events with OffChain Luxembourg.
- Organised a public Christmas event for cultural exploration with prizes.

Camp Leader — “Find Your Way”

Lithuania

AIESEC Volunteer

Aug 2023

- Facilitated 3-week self-improvement workshops for teenagers; designed intercultural team-building activities.

TECHNICAL SKILLS

Programming: Python, Java, C, Haskell, Flutter/Dart, Kotlin, JavaScript, HTML/CSS, PostgreSQL

AI/ML: TensorFlow, PyTorch, NumPy, CNNs, Transformers, BiLSTM, SNNs, RAG, AI Agents

Tools & Platforms: Git, Linux, Docker, Supabase, Firebase, Cloudflare R2, Redis, Wireshark, Postman, MicroPython

Domains: IoT & Embedded Systems, Robotics, Cybersecurity, Scientific Writing & Research

LANGUAGES

Lithuanian: Native **English:** C1 **French:** B1 **Russian:** A2