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education

IEM / Kunstuniversität Graz

Computer music and Sound Art 2025

Erasmus exchange

Faculty of Music / Janacek Academy of Performing Arts

Multimedia creation 2023-

Bachelor of Arts

FEEC / Brno University of Technology

Audio engineering - music production and recording 2018-2023

Engineer's degree

Gymnázium J. G. Tajovského, Banská Bystrica

Mathematics class 2014-2018

Final Theses

- *Artificial Intelligence for Video Sonification* / Master's thesis at BUT
- *Experimental software musical instrument* / Bachelor's thesis at BUT

experience

Audified

VST plugin development 2025-

Bazmek entertainment

Music composition & sound design for theatre (+ other media) 2023-

Rekola Bikesharing

Bicycle mechanic 2022-

Projekt Trychtík™ (SVITAVA transmedia art lab)

Collaborative art project presented at SONDA festival 2022, 2024, 2025

Freelance audio / art work

Recording, mixing, installations, coding... 2021-

Audified

Audio hardware assembly 2020

skills

- Programming: C++, Python, C#, Java, Javascript
- Audio production, engineering, recording: Reaper, Ableton Live
- Interactive audio/art, creative coding: SuperCollider, Max/MSP/Jitter, Pure Data, TouchDesigner, FMOD studio, p5.js
- DSP, Audio programming: JUCE framework, Gen, DaisySP
- Embedded development: ESP32, Arduino, STM32, Daisy Seed, Raspberry Pi, PlatformIO
- Web development: Hugo, React, Supabase
- Video editing: DaVinci Resolve
- Computer vision: OpenCV, object detection, MOT
- Bicycle repair and building
- Vegetarian cooking, specialty coffee

languages

English (proficient), German (learning), Slovak (native), Czech (proficient)

workshops (attended)

SMC Summer School - Art Installations (IEM Graz, Winfried Ritsch)	2025
Fluid Corpus Manipulation (FluCoMa) (IEM Graz, Pierre Alexandre Tremblay)	2025
Advanced sound design, live electronics and musical programming (HF JAMU, Bruno Liberda)	2024
Spatial sound and ambisonics (HF JAMU, Thomas Gorbach)	2023
Deep Learning for composers and artists (SVITAVA, Robert B. Lisek)	2023
Walking Over Bones - Field recording (Kunsthalle Bratislava, Tomáš Priátník)	2022