

# Résumé

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## Education

1995 – 1999      BSc (EEng), Vilnius Gediminas Technical University  
1999 – 2008      MSc, DSc (Tech), Helsinki University of Technology

## Employment

2014 – Now      Self-Funded  
2013 – 2014      Faculty of Informatics at the University of Lugano  
2011 – 2012      École Nationale Supérieure des Mines de Saint-Étienne  
2008 – 2009      Dep. of Neurobiology at the University of California, LA  
2000 – 2008      Dep. of Comp. Sc. at Helsinki University of Technology

## Selected Projects

[initials.dev](#)      Shipped a public no-nonsense bulletin board. Welcome.  
2026                  VPS, Linux, SSH, Makefile, Go net/http, sqlc, PostgreSQL,  
                        Docker Compose, Caddy, Vite, React, 12-factor app, 24/7

[miniguestlog](#)      Implemented a geo-logger with maximal use of 3rd party.  
2025                  MERN, render.com, mongodb.com, MaxMind, BearVPN, 24/7

[esp32-vpn](#)      Connected ESP32 devices globally without 3rd party.  
2023                  IoT, VPN, P2P, MQTT, SSH, Wi-Fi, MicroPython, Go, 24/7

[twinpeakz2](#)      Implemented real-time multi-pass 3D rendering pipeline.  
2022                  GLFW, GLTF, OpenGL, RenderDoc, ray marching, C++, Nim

[adast](#)              Wrote and maintained firmware for a factory machine.  
2020 – 2024          Adast Maxima MS80, paper guillotine, C, avr-gcc, ATmega16

[hal-00723427](#)      Sped up Monte Carlo integration in automotive.  
2012                  Fluid dynamics, Bayesian opt., ProActive PACA Grid

## Awards

2008                  Doctoral thesis award: “Pass with Distinction”  
1999 – 2000          Nokia scholarship