

# 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

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

[twinpeekz2](#) 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, C, avr-gcc, ATmega16, 24/7

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

## Awards

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