

# Résumé

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## Education

1995 - 1999 B.Sc. (E. Eng.), Vilnius Gediminas Technical University  
1999 - 2008 M.Sc., D.Sc. (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

[lawtrust.eu](#) Created a website for a lawyer who speaks 9 languages.  
2024 HTML, Tailwind CSS, Js, Go, porkbun.com, github pages

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

[twinpeekz2](#) Implemented a real-time multi-pass 3D rendering pipeline.  
2022 GLFW, GLTF, OpenGL/GLSL, RenderDoc, 3D ray marching, Nim

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

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

## Awards

2008 Doctoral thesis award: "Pass with Distinction"  
1999 - 2000 Nokia scholarship