

# Résumé

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<https://aabbtree77.github.io/>

## 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

[miniguestlog](#) Built and maintained location tracking web app.  
2025 MERN, render.com, mongodb.com, MaxMind GeoLite2, BearVPN

[lawtrust.eu](#) Made a lawyer more visible on MS Bing.  
2024 RWD, i18n, porkbun.com, github pages, SEO, HTTPS, Go

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

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

[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