

# Résumé

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<https://aabbtree77.github.io/>  
<https://github.com/aabbtree77?tab=repositories>  
<https://github.com/issues?q=is%3Aissue+author%3Aaabbtree77>

## Education

BSc in Electrical Engineering, Vilnius Gediminas Technical University, 1999.  
MSc in Technology, 2001, DSc in Technology, 2008, Helsinki University of Technology.

## Employment

01.02.2013–31.01.2014: Faculty of Informatics at the University of Lugano,  
Via Giuseppe Buffi 13, CH-6904 Lugano, Switzerland.  
01.09.2011–31.12.2012: DEMO, École Nationale Supérieure des Mines de Saint-Étienne,  
158 cours Fauriel, 42023 Saint-Étienne, CEDEX2, France.  
01.09.2008–31.08.2009: Department of Neurobiology at the University of California, Los Angeles,  
73-235 CHS, Los Angeles, CA 90095-1763.  
01.05.2000–31.07.2008: Faculty of Information and Natural Sciences at Helsinki University of Technology,  
P.O.Box 5400 (Konemiehentie 2), FI-02015, Finland.

## Selected Publications

ICCV 2007: <https://ieeexplore.ieee.org/document/4408895>

## Selected Code Repositories

Volumetric Lighting (Go, OpenGL, 3D): <https://github.com/aabbtree77/twinpeekz>  
Château d'Anet, the Cupola (Blender, 3D): <https://github.com/aabbtree77/chateaudanet>  
Machine Learning (Python): <https://github.com/aabbtree77/MNIST-0.17>

## Selected Bug Hunts, Saving the World

Guillotine Repair: <https://github.com/aabbtree77/adast>  
From Windows to Ubuntu: <https://github.com/Max1412/Graphics2/issues/24>  
uint vs. uint32 in Go/C++: <https://github.com/go-gl/gl/issues/128>  
GPU Screen Tearing: <https://github.com/godlikepanos/anki-3d-engine/issues/59>  
Deep vs. Shallow Copying: <https://github.com/polydojo/jispy/issues/1>  
Resilience to a Lost WiFi: <https://github.com/aabbtree77/esp32-mqtt-experiments>  
Testing a Bootloader: <https://github.com/aabbtree77/digispark-attiny85-command-line>

## Awards

04.03.2008: Doctoral thesis award: "Pass with Distinction".  
01.22.2008–01.24.2008: Invited talk (Prof. Mads Nielsen, the University of Copenhagen)  
01.01.2002–01.07.2006: ComMIT grant (postgraduate studies).  
01.09.1999–01.06.2000: Nokia scholarship (Natalia Kantola, Robertas Tamulevičius).