

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, tf.keras, matplotlib): <https://github.com/aabbtree77/MNIST-0.17>

Selected Bug Hunts, Saving the World

Fixing a Paper Guillotine: <https://github.com/aabbtree77/adast>
Porting C++, OpenGL: <https://github.com/Max1412/Graphics2/issues/24>
Lack of Type Safety in OpenGL: <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>
Low RAM, Async, WiFi: <https://github.com/aabbtree77/esp32-mqtt-experiments>
USB Flashing Without USBasp: <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).