

## School Projects

**hra 15:** <http://projects.hudecof.net/15-ka/>

- *description* very known logical game
- *techology* php, mysql, javascript

**Fractals** <http://projects.hudecof.net/fractals/>

- *description* generation of fractals using L- systems
- *technology* html, java

**2d graphics:** <http://projects.hudecof.net/>

- *description* some basic algoritms often used in the 2d graphics. There are 5 projects, each demonstrate one algorithm: transfomations, clipping, bresenham line, image filtration, polygon fill
- *technology* c/c++, allegro (grafical library)

**3d graphics:** <http://projects.hudecof.net/>

- *description* some basic algoritms often used in the 3d graphics. There are 5 projects, each demonstrate one algorithm: transfomations, z-buffer, ray tracing, shading, ...
- *technology* c/c++, allegro (grafical library)

**curves & surfaces:** <http://projects.hudecof.net/>

- *description* impenatation of various type interpolations and aproximation curves and surfaces. Here you can find: Bezier curve with weights, B-splain (various algorithms), Beta-splain curve, Beta splain curve , Bezier surface, Beta splain surface, B-splain surface, Coons surface, ...
- *technology* c/c++, allegro (grafical library)

**Interactive handbook of lossless compresion:** <http://projects.hudecof.net/diplomovka/>

- *description* this is my master thesis. In the section Dokumanty/Praca you can find the handbook in the PDF and also HTML version. In the HTML version are also included java applets to demonstarte the compresion algorithms.
- *technology* java, html, tex

## Work projects

**Finiacial Internet News:** <http://www.profini.sk>

- *description* PROFINI is a common project of FINI (former <http://www.fini.sk> and PROFIT).
- *technology* php, perl, bash, postgresql

**Investland:** <http://www.investland.sk>

- *description* Investland is project sponsored by Infovek (<http://www.infovek.sk/>).It's a simulation of stock exchange for children.
- *technology* php, perl, bash, postgresql

## Other projects

**Translations:** <http://projects.hudecof.net/translate/>

- *description* translation of some projects to the Slovak language.

**Patches:** <http://projects.hudecof.net/download/patches/>

- *description* some patches I have done.