

# Roman Sekerka

IT Project Manager, Specialist, Programmer, Software Engineer

Place of work:	Bratislava Abroad - Others
Expected salary (gross):	
Start date:	April 2009
Contract type:	full-time employment, part-time employment (employment for less than 40 hours a week)
Sector:	IT - Software

## Education

### Education attained:

Follow-up/Higher Professional Education

2007 - 2009

STU - FIIT (Faculty of Informatics and IT), Bratislava

Field of study: Informatics - dropped out in second year (slow, boring, useless), to become full-time programmer

2003 - 2007

ZSS ZM, Zlate Moravce

Field of study: Computer Systems

## Employment history

feb. 2008

Sygyic

Job position: C++ programmer

Job description: Co-developing 3D engine for navigation software from scratch, with focus on efficiency (for mobile devices) using OpenGL (ES). Started by parsing world elevation data and implementing terrain loading/managing/rendering. Later worked on parsing world satellite textures and implementing cached texturing of Globe (similar to google earth).

Consulting many various tasks with other programmers. Solving lots of development challenges that came up in areas such as: 3D engine architecture and 3D objects structure, procedural generation and rendering of various types of geographic data, user input and user interface, resource management, input management, debug utilities, etc. Also experienced and enjoyed vast amounts of bughunting, bugfixing, optimizing, improving, polishing, and also learning from the massive solution of well-designed multi-platform source code.

### Additional information on your employment history, references:

Member of organizations:

Toastmasters International (<http://www.toastmasters.org/>) - improving communication and leadership skills by practice

Club of Children Hope (<http://www.kdn.sk/>) - visiting children in hospital, playing and creating games (or: game mastering and game designing)

## Skills

### Language skills:

- Slovak - native speaker
- English - expert (interpreting)
- German - basic

### Computer skills - user:

- MS Windows user - expert
- UNIX/Linux user - advanced
- 3ds Max - basic

### Computer skills - programmer:

- C/C++ - expert
- OpenGL - expert
- Java - advanced
- HTML - basic
- PHP - basic
- SQL - basic
- Assembler - basic
- JavaScript - basic

### Other knowledge, skills and interests:

#### Other Development Experience:

- programmed both 2D and 3D engines in C++ from scratch, including all the work associated (scene, gui, managing and optimizing rendering, resources, input, etc...)
- worked with libraries: OpenGL, SDL, Newton, FMOD, STL, Box2D, GameMonkey, OpenCV, MFC, Ogre3D, etc...
- SourceSafe, SVN, Visual Studio, Visual Assist

#### Development Habits:

- strong emphasis on code readability, reusability, well-designed structure and programmers' commitment and passion in his "work"/hobby
- strong skills in designing (Object Oriented Design and more), implementing, debugging and optimizing code
- works best under "todo" pressure and enjoys handling multiple tasks
- creative, analytical and critical (solution-oriented), fast learner
- team player and motivator, strong communication and organizational skills

#### Actively Perfected Interests:

- designing games, creative directing, team leading, project management and producing

#### Other Interests:

- psychology, education, business, and various sciences
- books, writing, travelling, guitar and piano playing

## Information on the job you're looking for

### Place of work:

- Bratislava
- Abroad - Others

### Additional information about the nature of work sought:

- I am interested in game development jobs ONLY.
- Ideally with possibility for assisting in game design and project management, which is what I am determined to work hard towards.

**Contract type:**

full-time employment, part-time employment (employment for less than 40 hours a week)

**Possible start date:**

April 2009

Personal details

**Age:**

21

**Contact details:**

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Website: <http://psycho.mypage.sk/>

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