

Matteo Mecucci

matteo [at] digitalwaters.net
+39 (349) 7305386

SKILLS

- Proficient in **C** and **C++** (+ STL)
- Fluent in **Java** / J2SE / Swing and **Objective-C** / Cocoa
- Experience of **PHP**, Python and other scripting languages
- Strong background in **Win32 API**, **OpenGL** and **GUI design**
- Competent in SCM and DB design
- Quite fluent in English (CEF C1.2 - GESE Grade 11)

WORK EXPERIENCE

[Omission]

Software engineer / jack of all trades

2002 – Present

Rome, Italy

Experience with **C**, **C++** and **Java**: Metrowerks CodeWarrior on Mac OS and Windows for two years; Microsoft Visual Studio 6.0 & 2003 for more than four years; Eclipse for one year.

Extensive work on:

- GUI design;
- visual representations in OpenGL;
- linear algebra, geometric & mesh generation algorithms;
- software debugging, maintenance and refactoring;
- parsers & embedded scripting engines: e.g. Lua, XML, Prolog, HTML forms;
- COM automation & inter-process communication;
- customer care management;
- server & workstations maintenance.

[Omission]

EDUCATION & COURSE WORK

Università di Roma "La Sapienza"

1998 – 2005

Master of Science in Software Engineering

Rome, Italy

Final score of **110 / 110**.

I got paid as a **lab assistant** for good marks in 2000 and 2001.

I qualified four times (2000 – 2003) as a participant for the **ACM–ICPC's SWERC contest** and as such I was sent to Valladolid (Spain), Porto (Portugal, twice) and Paris (France). We were using **C++** (Visual Studio 6.o, djgpp, gcc).

For my **master thesis** I was the manager for the **D.A.RE. project**: a cross–platform software environment for the **visualization of large quantities of data**, made in **Java** (Eclipse), with use of JDBC, JAI, GL4Java (OpenGL) and JDom.

Liceo Scientifico A. Avogadro

1993 – 1998

High school's diploma: 60 / 60 with distinction.

Rome, Italy

OTHER EXPERIENCES

- **PHP / MySQL**: DigitalWaters.net (entirely self–made), [DigitalWaters.net Projects](http://DigitalWaters.net/Projects) (Etomite / MODX);
- **Objective–C/Cocoa on Mac OSX** (+ IB & i18n tools): **InstantShot!** (*freeware*, screen capture tool), **FastIcons** (*freeware*, icon conversion tool), **Offshoots** (*freeware*, animated desktop and screensaver), **CocoPad** (*freeware*, scratch–pad for pen tablets);
- **Java** (CodeWarrior, Eclipse): **JavaImg** (*opensource*, cross–platform image viewer).

AVAILABILITY

I'm required by Italian laws to notify the current employer at least **six weeks** before leaving or to pay a penalty.

I'll favorably consider job offers in the **European countries**.