

Happy hacker (and software engineer)

Personal informations

J r mie Laval

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neteril.org - github.com/garuma

Professional experience

September 2011 - Present

Xamarin, Inc.

Contractor

Documentation infrastructure team and mobile/class library developer

May-August 2011

4 months

Mono Project - Google Summer of Code™ program

Independent worker

TPL Dataflow implementation, a framework for parallel data-oriented applications

August 2010-February 2011

7 months

Novell, Inc. - Dublin

Internship

Improve 4.0 class library profile coverage in Mono and associated tools

July 2009

1 month

Novell, Inc. - Dublin

Internship

Working on *Google Summer of Code* project

May-August 2009

4 months

Mono Project - Google Summer of Code™ program

Independent worker

Improvement, testing and integration of ParallelFx in Mono

May-August 2008

4 months

Mono Project - Google Summer of Code™ program

Independent worker

ParallelFx, a framework for parallel and concurrent programming, re-implementation in Mono

Education

2009-2012

2010

Computer science engineering (*Master level*) @ UTBM

Electronic engineering (*Erasmus*) @ Institute of Technology Tallaght, Dublin

Skills

Programming

Deep knowledge of the C# language and Mono/.NET frameworks

Specialities: parallel programming, embedded systems and mobile development

Experienced with Scheme, C, C++, Java, Prolog, Python and Android

Operating Systems

Advanced handling of GNU/Linux (as both user and developer)

Server administration (Apache, Lighttpd, Git, ...)

Web & XML

(X)HTML, CSS, Javascript (jQuery) and PHP

DOM, XPath, XSchema, XSLT

Tools and libraries

GNU/Linux desktop technologies such as Gtk+/Gtk# or D-Bus

Everyday Git user. Intermediate Subversion user.

Software Engineering

Design patterns, test-driven development, continuous integration

Personal interest in other Agile and eXtreme programming techniques

Network

Networking concepts, routing protocols and network deployment (Cisco Academy)

Free/Opensource software

Maintainer of several Mono components, [Apachai](#), [D-Bus Explorer](#) and [Zencomic](#)

Contributor to Mono, Mono.Xna (game library), Tao (multimedia framework), Monodevelop (IDE), Monotorrent (Bittorrent library), Banshee (media player), MOC (audio player), ...

Hobbies & side activities

Aikido (brown belt), Cycling

President of Lolut, a society promoting free and open source culture at UTBM

IT administrator at UTBM students union

Organizer of *Les  toiles du Libre* 2009, French free software university prize

Finalist during 2008 and 2009 Prologon (French national algorithmic and AI contest for students)