

Christian Corsano

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22 years old, single

OBJECTIVES

Currently looking for a entry-level position in software engineering (starting in october 2008), developing innovative products, ideally for the Mac OS X platform.

PROFILE

Highly motivated individual with a passion for software programming and innovation. Curious and self-learning about everything related to programming, especially on Mac OS X and other Apple products.

EDUCATION

2007-2008
(expected)

European Master in Software Engineering, majoring in software project management

Université de Sciences et Technologie de Lille - Villeneuve d'Ascq, France

- ▶ Project management, Unified Process
- ▶ J2EE, Hibernate, Struts, Spring
- ▶ .Net

Year project : leading a team of five, had to develop a conference management system, following the phases of the Unified Process. It includes requirement analysis (interviews with the users, use cases, complexity evaluation, QA Plan), design (UML modeling, system architecture) and implementation (using J2EE technologies).

Technologies : J2EE, Spring, EJB3

Methodology : Rational Unified Process, function points

2006-2007

First year, Master in Computer Sciences, in Carleton University as an exchange student

Université de Savoie, Le-Bourget-du-Lac, France

- ▶ 3D engine programming (OpenGL, GLSL)
- ▶ Quality assurance : testing and validating software products
- ▶ Distributed programming

3D game engine : from scratch and using C++ and OpenGL, went through the basics of 3d game engine implementation. The final product included basic rendering, support for GLSL shaders, bases for per-pixel lighting, triggers, particles system and was running on both Mac OS X and Windows.

Technologies : C++, OpenGL, GLSL, SDL

2003-2006

European Bachelor in Computer Sciences

Université de Savoie, Le-Bourget-du-Lac, France

- ▶ Algorithmics
- ▶ Object oriented programming

Third year project : led a team of four into the requirement analysis, the implementation and the delivery of a small puzzle game. The project matched the initial specifications and was delivered in time. Some difficulties were encountered because of the use of the Ada programming language and its lack of support on the mac, but were eventually solved.

Technologies : Ada, OpenGL, SDL

SKILLS

COMPUTER SKILLS

Languages

- Objective-C (including 2.0)
- Java
- C++
- GLSL
- Ruby, PHP5, SQL

Technologies and Frameworks

- Cocoa
- J2EE, Hibernate, Struts
- OpenGL, SDL
- Ruby on Rails

Tools

- XCode, Instruments (XRay), Shark
- Eclipse, Ant, JUnit, CruiseControl
- GCC
- Subversion
- PostgreSQL, MySQL

MANAGEMENT

- Understood the challenges implied by software development projects, and of the methods and tools to resolve them. Used Rational Unified Process methodology, as well as Agile development principles.
- Managed an association for one year : defined the association agenda, started and completed new projects (tutoring, providing discount to students, ...)
- Successfully managed a student term project - led a team of 4 in a software development process. Effectively defined a planning, assigned tasks to team members. The final product was ready on time, and matched the initial specifications.

COMMUNICATION

- Elected president of a student held computer science association for one year. Acted as the association representative : this role included project promotion, members recruitment, mediation (including spring 2006 French student strikes) and events organization.
- Elected student representative at the faculty of science administration board (UFR SFA - Université de Savoie, France). Participated in defining new directions for the faculty.
- Creatively delivered several presentations of team projects and personal works to an audience, in French and English.
- Wrote clear and complete specifications and documentations for various programming works

LANGUAGES SKILLS

French : fluent (first language)

English : upper intermediate level

TOEFL (Internet Based - February 2006) : 106/120

PERSONAL PROJECTS

CONCEPTOIRE.COM

Designed and developed my personal website using Ruby on Rails. This website is bilingual, and one of the difficult part was to build a page hierarchy that reflected the user's language in the URL. Implementing this was a really good exercise to delve into the Rails routing features.

This website is in constant development, and will contain more content once I publish some of my current projects.

UPCOMING PROJECTS

I'm currently working on several Cocoa projects, none of which are close to be released. The Cocoa framework and Mac OS X technology in general is the technology I want to use in my future career, and as such I'm dedicating a lot of my free time working on them.

WORK EXPERIENCE

March - September 2008	Intern, Junior Consultant, Capgemini, Lille, France Internship concluding my Master degree. Worked on the back office of the french rail transport system. It is a large scale project (it has been running and evolving for almost 10 years now), with really precise requirements and specifications. As part of a team, implemented new functionalities based on the specifications provided by the client (Fret SNCF). Technologies used : Java, J2EE, Oracle, JUnit, CVS
May 2005	Web application developer, UFR SFA, Université de Savoie, France Developed a web application to manage applications to the selective graduate programs of the faculty. This was a one man project, from requirement gathering and analysis to production. Technologies used : PHP5, MySQL, Pear
Summer 2004	IT Support, Muller Services SA, La Pallanterie, Switzerland Designed and developed a billing management system. The mission included user interviews to bring a new look upon the existing system. Technologies used : PHP5, PostgreSQL

VOLUNTEERING

President, Association CNet, Le-Bourget-du-lac (France) — May 2005 - June 2006

This association held by computer students aims at promoting use and knowledge of IT technology in the university. Directed the association for one year, resulting in a very significant increase in offered tutorials, ambitious projects, number of organized events, and public representation.
Resigned to study in Canada as an exchange student.

Board Member, UFR SFA (Faculty of Sciences), Le-Bourget-du-lac (France)— November 2005 - June 2006

Represented students, bringing their concerns to the administration, and took part in the decisional process in order to meet their expectations with effective solutions.

AWARDS

Apple WWDC 2007 Student Scholarship

Awarded an entry to attend Apple Worldwide Developer Conference 2007 in San Francisco.

Rhone-Alpes Explora Scholarship for international mobility

Awarded along with the acceptation of my application for exchange with Carleton University.

French merit-based scholarship

This scholarship is awarded by the French government to some fifth year university students based on academic results.