

MICKAEL ARCOS
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OBJECTIVE

Software Engineering position in the world of digital television or media convergence. Participate in large impact team-oriented projects and improve the final user experience.

PROFILE

- 3 successful years in the Digital Television industry as an integrator and software programmer
- Master's Degree in software engineering from Paris-Orsay University XI
- Good ability to resolve performance, memory footprint and more general complex issues
- Used to multi-threading development, optimization and data protection at code level
- Willingness to work in multiple programming languages, technologies and platforms
- Co-operative, outgoing and motivated while working on team-oriented projects
- Ability to stay positive with a can-do attitude
- Good communication skills in English, French and Spanish

RELEVANT EXPERIENCE

Integrator	2009
C2M Engineering/Bouygues Telecom	Paris, France

C2M is a family-oriented Information Technology Consulting company doing business with major digital television groups in France. Bouygues Telecom is the third triple play operator in France and counts 125,000 subscribers in IPTV.

- Integrated an ActionScript 2.0 Flash application to be embedded in an ST7109 IP set top box running UNIX-based OS and Bluestreak Flash player
- Highlighted hundreds of bugs, registered, assigned them to the designated team and tracked them to resolution
- Created an internal wiki website to capitalize knowledge within the team: 40 detailed pages, 15 users

Software Programmer	2007 - 2008
NDS	Paris, France

NDS is the leader in Conditional Access Systems with VideoGuard deployed on more than 116 million devices. NDS also provides middleware for major customers to be able to develop their own interactive applications. Middleware from NDS is included in more than 135 million devices.

- Developed in C a Progressive Download module. Included in a BskyB project (11 million subscribers) on a ST7101 set top box
- Developed in Java the TV Settings menus for an IP TV Broadcom 7100 set top box
- Developed in Java automatic testing tool based on XML. Provided a full documentation including user's manual, technical documentation with UML diagram
- Documented, team code reviewed and tested it with CUnit/MISRA rules (10 000 test code lines) in an agile environment

Intern Software Programmer

2005 - 2006

Wind River Services (Subsidiary of Intel Corporation)

San Diego, USA

Wind River is the leader in embedded software, and created VxWorks Operating System. They embed their products in various domains such as spatial industry, medical industry or consumer electronics.

- Debugged a GPS application embedded in a PC Card developed in C with VxWorks
- Wrote 6,000 unitary tests to validate an HTML-JavaScript browser embedded in DirecTV STBs, for a target of 18 million subscribers
- Used of HP Quality Center (formerly Mercury Quality Center) on a day to day basis

EDUCATION & LANGUAGES

Master's Degree in software engineering

2007

Paris-Orsay University XI

Paris, France

VOLUNTEER EXPERIENCE

- Currently manage teams and activities as well as school/companies relationships within ADIPS (Association Des Ingénieurs de l'université Paris-Sud, i.e. alumni association) and edit the global directory
- Created and presided over ADIPS. Gathered data about several thousand graduates
- Managing user-oriented website with 5,000 users administered in MySQL database
- Developed several personal projects including iPhone (Objective-C, Mac), and websites involving PHP/HTML/JavaScript/CSS/XML and XSL technologies. Common use of Joomla and Wordpress Content Managed Systems.
- Play classical piano solo, in groups or as an accompanist for school choirs
- Directed and edited short films, from screen-writing to editing including shooting

REFERENCES

References available upon request.