CORVOYSIER DAVID

SENIOR SOFTWARE ENGINEER

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Skills

Software Development
Highly versatile coding skills, from high level languages to low-level system programming.

Software Architecture
Hands-on experience of end-to-end architecture design, from the platform to the device.

Project Direction
Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

Technical

C/C++	Javascript	Python
GNU Make	git	subversion
Cross-compilation	buildroot	Yocto
Curie	IntelCE	Raspberry Pi
HTML5	CSS3	nodejs
OIPF	DLNA	MPEG-DASH
GStreamer	WebKit	Qt

Experience

2015- now: **Intel** - *Senior Embedded Software Engineer - Intel SDK for Wearables*

Although involved in almost every aspect of the platform, I am more specifically in charge of the build system and the Intel IQs, software modules aiming at demonstrating the capabilities of the SDK.

2014-2015:**Orange** - *Senior Software Engineer - TV products*
Technical lead for the new Orange TV middleware, allowing the seamless integration of native and web applications around a communication bus using DBus and WebSockets and a Wayland/Open GL ES compositing engine. Also in charge of build-system and continuous integration.
In this position, I was awarded the internal recognition title of Orange Software Expert.

2007-2013:**Orange** - *Senior Software Architect - TV & STB browsers*
Write Orange TV browser specifications and provide support to application developers. Participate in Web & TV standardization (W3C,Open IPTV Forum,DLNA).
Provide reference native Web & TV clients based on Open Source components (WebKit, GStreamer).
In this position, I was awarded the internal recognition title of Orange TV Expert.

2001-2007:**Orange** - *Senior Software Architect - Instant Messaging*
Write FT/Orange Presence Server specifications.
Participate in Instant Messaging standardization (IETF,JSF).
Technical Project Manager on FT/Orange "Le Messager" Instant Messaging Server project.
In this position, I was awarded the internal recognition title of Orange Instant Messaging and Presence Expert.

1999-2001:**Sema Group Telecom** - *Project Manager*
Head of a development team of 10-15 people.

1996-1999:**AQL** - *Software Engineer*
Developer and Project Manager (1-5 people)

Portfolio

Curie BSP
Intel Curie SDK for wearables

orangemark	dashdemux
Orange Browser Graphics	*GStreamer MPEG DASH*
Benchmark	*plugin*

wamp.rt
nodejs WAMP V2
Router

Education

Ecole des Mines de Paris: **1993-1995**
Engineer's degree (Master's Degree) - Project Management & Product Design

Ecole Polytechnique: **1990-1993**
Engineer's degree (Master's Degree) - Applied Mathematics and Mechanics

Languages

English: Fluent   German: Moderate   Japanese: Basic