

# 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 complex development projects.

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## 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

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## 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 Messenger" 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)

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## Portfolio

Curie BSP  
*Intel Curie SDK for wearables*

orangemark  
*Orange Browser Graphics Benchmark*

dashdemux  
*GStreamer MPEG DASH plugin*

wamp.rt

## 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

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## Languages

English: Fluent

German: Moderate

Japanese: Basic