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FARHAD ABEDINI

PROJETS DIRECTOR / EXPERIENCED ARCHITECT
SOFTWARE/HARDWARE

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SKILLS

Definition of projects, specifications, project's quotation, planning and development organization. Subtractor's management.

Global solution Architect: hard, soft and communication.

Design thin/thick software, server, mobile and embedded.

Digital electronic design, M2M communication, Wireless, LTE, IoT, Sigfox, LoRa, BLE etc...

Developers training. Long experience in team management.

Expert in colorimetry and in air quality.

COMPUTER

Expert in object programming, applications in C, C++, Java, Objective-C.

Network programming, TCP/IP, cloud, Linux servers, data bases.

Mobile applications development on iOS/Android and embedded Linux programming.

PHP, J2EE programming.

EXPERIENCES

2012 to today: **Architect, Instrumentation department director - Ethera**: <http://www.etheralabs.fr>

Design of wireless air quality measurement devices.

Architecture of information systems, mobiles apps, embedded software, and thick and thin software.

Development's team recruitment, training and management.

Management of subcontractors in electronic, mechanics and production

See below for Patents

2011-2012: **Project Manager - Sesame**

Start-up Sesame <http://www.domotic.mobi>

Conception and realization of a domotic system.

Wireless multi-modules ZigBee, with cameras.

2009-2011: **Project Manager - Visidom - Grenoble**

Development on an innovating telemonitoring system at the cutting edge of technology

2004-2009: **Project Manager - Cabrilog Grenoble**

<http://www.cabrilog.fr>

Development of Geometry Learning software for the classroom.

1992-2004: **Technical Director - Caldera Graphics Strasbourg**

(Large format printing software). <http://www.caldera.fr>

Architecture and development under UNIX with industrial quality and performance. Development's team recruitment, training and management. Projects director. Software validation with the Xerox QA team of San Francisco.

Invention of on demand printing

1988-1992: **Project Manager -**

Yecom Informatique - Strasbourg

Ground up development of a

Parametric 3D CAD software . Sold a first version for kitchen design to the French retailer "Fly".

innovating (before IKEA, SCHMIDT...), un 3D computer-aided selling tool sold to a major actor of the sector.

1986-1988: **Development Engineer. Caroline Informatique - Strasbourg**

CAD-CAM software development.

LANGUAGES

English: Fluent
French: Bilingual
Persian: Mother language

MISCELLANANEOUS

Regular participation in jury of
« concepteurs développeurs
informatique » (Bac+4).

Design and realization of my own
house, built in wood and eco
friendly.

Design and realization of a buggy

EDUCATION

1981-1987: Physique license and master's in computer (UNIX
option) – University: Louis Pasteur – Strasbourg.
2009: Professional training on J2EE and .NET programming
2016: Professional training on team Management

PATENTS/AWARD

Patent: B.2473-FR-BN

UTILISATION D'UNE IA POUR LA MESURE SELECTIVE ET CONTINUE DE LA
QUALITE DE L'AIR

Patent: PCT/FR2019/053306

MASQUE DYNAMIQUE DE DIFFUSION D'AIR PURIFIÉ

Patent: CDM – 596/EP

SYSTÈME DE CONTRÔLE DE LA QUALITÉ DE L'AIR DANS UN
ENVIRONNEMENT CLOS

Patent: EP 20 305 350.9

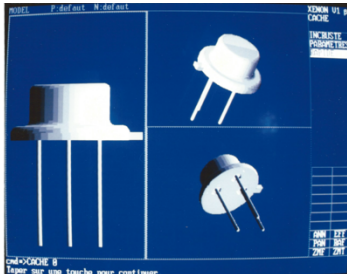
TEST BENCH FOR TESTING A SOURCE OF PURIFIED AIR AND USES THEREO

CES Innovation Awards 2019 for Air-Check

ACCOMPLISHMENTS

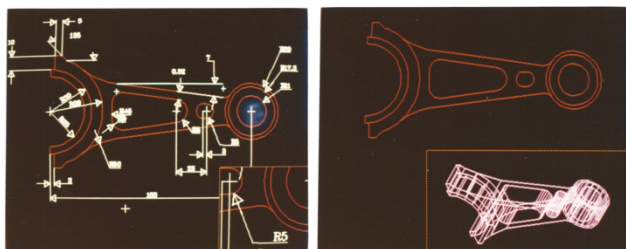
Illustration of some of the products that I designed from scratch

1989: My own CAD software

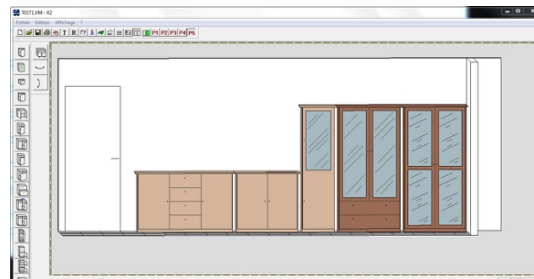


XENON

est un logiciel de dessin et conception
3D pour les ordinateurs
individuels. De nombreuses com-
mandes et fonctions accélèrent les
travaux répétitifs et facilitent les
révisions des dessins.



1992: 3D Kitchen Computer-aided



2014: NEMO



2010:
Domotic



2019: Air-Check

2003: Large Format Printing

