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## Contact

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## About Me

Multidisciplinary engineer, 20+ years experience in industrial R&D, manufacturing, consulting services for a variety of employers and customers.

Strong analytical skills for problem solving. Facts based management + agile, customer oriented vision of product development. Good team motivator.

 LinkedIn

 Mon blog

# Experiences

## Senior Engineer, Research & Innovation

**Bobst SA - Since September 2013 - Full-time - Mex - Switzerland**

Design and develop software for an innovation project

## Lean Manager

**Bobst SA - June 2011 to August 2013 - Full-time - Lausanne - Switzerland**

- Train employees and lead the change to Lean manufacturing and 5S
- Design and implementation of Lean Manufacturing in 3 production units. Drive the change.
- Development of "Advanced Planning and Scheduling" software with a SAP interface for "High Mix / Low Volume" production

## R&D Project Manager

**Bobst Group (Asitrade) - June 2008 to June 2011 - Lausanne - Switzerland**

- Design, development and project management of the hardware+software control systems of the "Power Aligner", an advanced aligning system for laminating machines  
Coordination with internal customer (Asitrade, Bobst subsidiary in Grenchen, SO) and a strategic partner.  
Patent, implementation, tests, fine tuning and support by the first customer.
- Design and implementation of an optimal control for a box separator
- Setup of a wiki for the knowledge management for transversal R&D
- Training employees to dynamics and control

## Manager, Consulting Services

**e-Systems Consulting - September 2004 to June 2007 - Full-time - La Neuveville - Switzerland**

- Business development of consulting, training and customer support services. Improved offer for high added value products
- Management of a team of consultants and their projects in a fast growing company (40%) on a market reaching maturity.
- Direct support of demanding key customers, especially watchmakers
- Set up of new offices in Meyrin, Geneva

## Founder and CTO

**DynaBits sàrl - January 2000 to January 2004 - Full-time - Meyrin - Switzerland**

- Launch of a startup : market study, business plan, strategy, patents and trademarks
- Specification and design of technical software for mechanical engineers. Software development including off-shore outsourcing and strategic partnerships.
- Development of key algorithms in C++/STL
- Web site, e-commerce

## R&D Engineer

**Charmilles Technologies - September 1994 to December 1998 - Meyrin - Switzerland**

- Re-engineering of the "final control" of machines (MoT diploma work) in the context of a Lean + Six Sigma production reorganisation
- Development of advanced control algorithms for several products
- Evaluation of strategic suppliers for a new NC
- Project manager for several collaborations with EPFL (CTI projects)

# Education

## Lean Manager (SAQ)

### ARIAQ

April 2011 to December 2011

12 days training on the "Five Pillars of Lean Manufacturing", certified by the Swiss Association for Quality (SAQ)

## Postgraduate in Management of Technology

### EPFL + HEC Lausanne + University of Texas at Austin

January 1998 to December 1998

Entrepreneurship, Marketing, Finances

Now an Executive MBA (<http://mot.epfl.ch/> )

## PhD, Science

### EPFL

July 1988 to April 1994

Model-based control of fast parallel robots : a global approach in operational space.

<http://library.epfl.ch/theses/?nr=1228>

## Master in Computer Science

### EPFL

September 1984 to June 1988

Ing. dipl. EPFL informatique, hardware orientation

1st year in mechatronics

# Skills

## Languages

- French : mother tongue
- English : fluent
- German : basic
- Italian : basic

## Specialities

- Lean manufacturing, production optimisation
- Dynamic systems, modelling, simulation and control
- Scientific and technical software : 3D CAD (SolidWorks), FEA+CFD, Matlab, LabView.
- PDM, PLM, ERP, MRP, wikis
- Data mining, statistics and visualization

## Computer Science

- Algorithms and data structures
- Real-time, embedded systems
- Advanced programming in many languages (C++, Delphi, Python ...)
- Agile software development
- Mastering of many office + IT + web software