Louis Deveseleer

Cross-platform app developer (Flutter)

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Cary NC 27511
US permanent resident
Married

Experience using the **Flutter** framework:

Mar-Aug 2020 **Workout log**
User authentication, sync of local and remotes databases. Create workouts, log the progress, gain experience points.

Sep 2020 **PAR-Q+**
The official PAR-Q+ app, available on Google Play and the App Store. Multilingual support.

Oct 2020 **Personal website**
Web app.

Nov 2020-current **Calistree**
Project to create a complete library of calisthenics exercises.

Other programming experiences:

C++
- Master thesis: control of mobile robots with the ROS framework.
- Research assistant job: image recognition, analysis of x-ray scans.
- Mechatronics master: control of pneumatic valves with a microcontroller.
- iRobotique: use of Arduino controller in a mobile robot.

C#
- Control of a Kinect camera to calibrate a robotic arm.

C
Casio-BASIC
Matlab

Education:

Master and Bachelor of Science in Mechanical and Automation Engineering (Mechatronics)
High Distinction - *2008 - 2013*
UMons, Faculté Polytechnique of Mons, Belgium.
TÜM, Munich, Germany (First year Master).
UFSC, Florianopolis, Brazil (Master Thesis - Solving cooperation problems with mobile robots).

Project Management - *2016*
PRINCE2 Foundation and PRINCE2 Practitioner certifications.

Other professional experiences (6 years as a Mechanical Engineer):

Feton Int. *Strépy, Belgium* *Raleigh, NC* *2018 - Present*	**R&D Manager** Product design (CAD: SpaceClaim, Ansys) from market study to sales, including prototyping, assembly process and packaging design. Twelve new products developed and marketed (see www.fetonfillers.com). Over 400 technical drawings. Financial, sales and marketing responsibilities: products pricing, sales analysis, distribution strategy, external communication, prospection.
Enabel *Kigali, Rwanda* *2015-2016*	**Energy Sector Coordination** Support in the Energy division of the Ministry of Infrastructure of Rwanda. Focus on Biomass sector coordination and Energy balance of the country.
Vesuvius *Mons, Belgium* *2013-2015*	**Research Engineer (R&D)** Management of projects from inception to product delivery – mechanical systems used in steel plants to control steel flow. CAD (Pro/Engineer - Creo) and testing of the machines.

Note: 2017 was spent on a honeymoon trip, cycling across Europe and learning Kungfu in China.

Other skills:

Languages	English (fluent), French (native), German and Portuguese (basic).
Sports	Calisthenics, Climbing, Bicycling, Hiking, Running.
Music	Guitar and drums.
Appreciated by my colleagues	Friendly – Positive – Autonomous – Curious – Persevering – Open-minded.