

Jasper Hilven

www.jasperhilven.be
Hasselt-Leuven
Belgium
M +32484 817 174
E jasperhilven@gmail.com

XENIT (since 2015)

Alfred Finder.

2017-present

Alfresco Web frontend Product Lead. Architected and build React Frontend from scratch. Used Gradle, Docker, Webdriver.io, selenium for fully automatic integration tests, works for multiple Alfresco versions. Build custom code generated based on swagger API. Presented product on Alfresco DevCon. Invented, designed and implemented hierarchic Query UI. Applied Clean architecture to split UI vs Headless Finder for headless integration tests.

Agfa Gevaert.

2018-present

Project Lead of 300+ days project for whole team. Updated and administered Alfresco and developed Alfresco customisations for AGFA. Migrated two Alfresco instances into one.

Alfred API.

2016

Lead developer of Alfresco backend application: java-OSGI technology. Helped designing application. Used Gradle and Docker for fully automatic integration tests, works for multiple Alfresco versions.

PV.

2016-2019

Architected and build plugin interface in Finder UI against which the PV team could develop. Received innovation bonus for this. Also Build dedicated frontend.

Ethias.

2017-2018

Administered Alfresco and developed Alfresco customisations Ethias. Developed a custom Dual database connector. Developed GDPR customizations. Build multiple dedicated frontends.

Vespa.

2017-2019

Project Lead, Updated Alfresco and developed Alfresco customisations.

Alfred Workflows.

2017-2018

Alfresco Workflows Web backend and frontend Product Lead. Build React Frontend for Alfresco Workflows from scratch. Lead the Alfresco backend development of the workflows in the common Alfred API.

Alfred Desktop.

2015

Build the Alfred Desktop client together with team. proposed and implemented fully automatic UI Regression testing framework

Implemented translation service, multi version persistence, Docker, Angular, Node, Express

Rezidor.

2016-2017

Build dedicated frontend.

Vlaams woningfonds.

2017-2019

Administered Alfresco and developed Alfresco customisations.

Siemens

Software Development Engineer, Siemens industry software.

September 2014-September 2015

Developed custom product features in C++. Proposed and implemented patterns for refactoring. Designed computer vision algorithms.

Deuma

System Programmer, Deuma.

Summers of 2012 and 2013

Programming machine applications, Windows CE

Education

Master of Engineering: Computer Science, KU Leuven, Leuven, magna cum laude, thesis: *High-Performance Computing* at Intel Exascience lab.

2012–2014

Bachelor of Engineering: Electrical Engineering and Computer Science, KU Leuven, Leuven, magna cum laude.

2009–2012

Projects

Software:

Finished Full stack Startup Prototype (<http://bit.ly/2f25Ehd>, <http://bit.ly/2eFQQb7>)

Particle simulator for testing distribution algorithms (<http://bit.ly/1ntO5KP>)

Wrote a Picoblaze assembler in C# (*thewizards.be*) e.g. *wrote a 3D voxel pattern recognition library*

Wrote a teacher management system in VB for a school

Wrote 7 games for crazygames.com, which made 100+

Finished with team polished 3D game in 48 hours: <http://bit.ly/1V2rjnZ>

Robotics:

Implemented brain unit and sound system on FPGA for segway robot with 3 Picoblazes

Built an arduino robot that won the IEEE Leuven robot competition 2011

Helped IEEE leuven organizing a robot competition: (<http://bit.ly/1ntPdyf>)

High school: TI game programming, more than ten thousand downloads (<http://bit.ly/1PBF0o>) (<http://bit.ly/1Q9K7R2>),

National math and science competitions

Flemish Math Olympiad: Finalist, 2009 (<http://bit.ly/1n6U1ZH>)

Flemish Physics Olympiad: 7th, 2009 (<http://bit.ly/1QiQELa>)

Flemish Programming Competition: 3th with my team, 2010 (<http://bit.ly/1NgAVpj>)

Languages

Dutch Native, **English** Excellent, **French** Good

Interests

Guitar: Since 2001, graduated at academy magna cum laude

Sports: Running, swimming and cycling