

# DAVID MARTINEZ BARREIRO

*Software Developer*

Leuven, Belgium 3010

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## EXPERIENCE

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### **Sointu**

June 2023 - Present

*Freelance Software Developer*

- Working as a freelance engineer focusing primarily in startups and innovative projects

### **Effex**

July 2023 - Present

*Lead Software Developer*

- Assemble and hire the technical team of the company
- Create and manage the company systems and infrastructure
- Design and plan together with the team the feature requested by the management
- Add asynchronous on demand calculations to the SaaS platform and the tools to easily monitor and manage this calculations

### **KU Leuven**

December 2020 - June 2023

*Lead Software Developer*

- Worked for the biostatistics group in the Effex spin-off project that ended in the creation the company Effex
- Create software release and deployment system
- Adapt prototypes to become a software product
- Design the technical team interview process and actively participate in the team hiring process
- Coordinate the communication and works with several external parties collaborating in the project

### **MyCellHub**

November 2019 - November 2020

*Senior Software Developer*

- Create and implement software integration and deployment pipeline
- Implement some of the core features of the company's SaaS product
- Help getting the software certifications needed to operate with biomedical data
- Develop the cloud infrastructure used to deploy and test the software
- Create and implement a data backup strategy for the user data

### **Ekinops**

November 2017 - December 2018

*R&D Test Engineer*

- OneAccess was merged into Ekinops and I continued providing expertise in software validation as a consultant

### **OneAccess**

November 2013 - October 2017

*R&D Test Engineer*

- Test plan creation and validation for company's operating systems and features
- Develop automated test suites and tools for unit, integration, performance and regression testing
- Guard software requirements and certify their correct implementation

## EDUCATION

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### **University of Vigo**

*September 2013*

MS in Telecommunications Engineering

Major in Signal processing