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Summary

Hello, I am Guillaume ! I am a 29-year-old geek from Belgium looking for meaningful challenges as a freelance full stack developer. More specifically, I am eager to contribute to the growth of organisations with high social impact or high sustainability goals.

My primary area of focus lies in developing web apps and mobile products. I enjoy designing (i.e. Figma, Webflow) and coding the UI as much as talking with users to iterate and improve the experiences that reach business goals. However, despite my main expertise is in front-end (i.e. Angular, Ionic, React), I also enjoy having an helicopter view on my projects and get my hand dirty into back-end (i.e. Firebase, NodeJS, Python, MongoDB, GCP) as well.

Over the +4 last years, my professional experience has been diverse and in-between academic (i.e. Research and Teaching Assistant at UCL) and entrepreneurial (i.e. Co-founder of MedC2) worlds.

Besides of that, desiring to raise awareness about climatic and environmental issues, I'm currently involved in the development of "DECIDE" NPO while attending workshops to become a facilitator of the Climate Fresk and The Digital Collage.

Experience

Co-founder & Software Engineer

The Medical Cloud Company - MedC2

Feb 2019 - Dec 2020 (1 year 11 months)

The Medical Cloud Company (MedC2) is a software development company dedicated to building digital platforms within the healthcare sector. Our applications aim to enable the collection and personalized analysis of multifactorial patient data. We envision to help patients make more of their health data to enable true patient empowerment, shared decision making and efficient medical research.

■ Teaching Assistant in Computer Science

Université catholique de Louvain

Sep 2018 - Jan 2019 (5 months)

- Course LEPL1401 : Informatique 1
- Python and OOP concepts
- Answer questions, and guide a class of 20 BAC1 students throughout 3h/week practical exercise sessions.

■ Research Assistant

Université catholique de Louvain

Jan 2017 - Jan 2019 (2 years 1 month)

In the framework of the "City Labs" project, my main research goal was to address the challenging field of eHealth by promoting and facilitating the use of ICT as a way to empower patients with chronic

diseases. More specifically, in our project, we aimed to improve the diabetic patients' care path and bridge the gap between them, healthcare professionals and laboratories by developing a pilot Diabetes Remote Monitoring and Management System.

Teaching Assistant in Medical Imaging

Université catholique de Louvain

Sep 2017 - Jan 2018 (5 months)

- Course LGBIO2050 : Medical Imaging
- Use of Matlab
- Answer questions and guide a class of 20 M1 students throughout 2h/week practical exercise sessions.



Junior IT Consultant

Sopra Banking Software

Sep 2016 - Dec 2016 (4 months)

I worked as a software engineer in the R&D department of Sopra Banking Software. My main tasks included Testing, Maintenance and Development (components assembling) within the "Sopra Banking Platform". Technologies: COBOL, Java, Web Services, Maven, JBoss, SoapUI, Jira, etc.



[Student job] Human Resources Assistant

PwC Belgium

2014 - 2014 (1 year)



Mathematics Tutor

My Sherpa

2013 - 2013 (1 year)

Education

Université catholique de Louvain

University Certificate [15 ECTS], Innovation et développement de projets transmédia

2017 - 2018

Transmedia storytelling is the technique of telling a single story or story experience across multiple platforms and formats using current digital technologies (cfr. <https://goo.gl/7iqqYK>). Throughout this inter-university program, participants were guided and trained to conceptualize a transmedia project tailored to their industry and business.

Massachusetts Institute of Technology

Global Startup Labs Certificate - 6 weeks program

2018 - 2018

The MIT Global Startup labs (<http://gsl.mit.edu/>) is a 6 weeks learning programme which aims at empowering technology and entrepreneurship in partner universities around the world. The programme focused on mobile and Internet technologies and is structured so that participants are awakened to the commercial possibilities of technologies.

■ **Université catholique de Louvain**

Master [120] in Biomedical Engineering | Option : Bioinformatics

2014 - 2016


- Master thesis : "Diabetes management through artificial intelligence and gamification : Blood glucose prediction models and mHealth design considerations"
- Supervisor : Benoît Macq
- Description : This thesis had the purpose of improving empowerment and self-management of diabetes by exploring the use of AI algorithms and gamification in an e-health context. During my work, I had the opportunity to visit Keio University in Tokyo, in the framework of EPL Innovation classes.


■ **Université catholique de Louvain**

Bachelor of Engineering (BE), Biomedical and Computer Science

Licenses & Certifications

 **Academic Entrepreneurship and Technology Transfer in Radiation Oncology: Dream or Reality? (Attendance)** - European Society for Radiotherapy and Oncology (ESTRO)

 **European Congress of Clinical Chemistry and Laboratory Medicine 2017 (Attendance & Poster)** - International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)

 **International Symposium on Medical Information Processing and Analysis 2017 (Attendance & Speaker)** - SIPAIM Society

Skills

Software Development • Entrepreneurship • Biomedical Engineering • User Experience (UX) • Web Development • Mobile Applications • Teaching • Sustainability • Environmental Awareness