RAPHAEL JAVAUX

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PROFESSIONAL SUMMARY

15+ years of experience in software development.
I have deep interest in **algorithms**, **web development** and **functional programming**.
I enjoy challenging problems involving high-performance, low-level or big-data constraints.

EMPLOYMENT HISTORY

Jan. 2022 – Present **New York City, New York**	**Senior software specialist, Citi Bank** Development of big-data and distributed computing tools for risk analysis (Python).
Jan. 2021 – Present **Liège, Belgium**	**Founder, NoisyCamp.com** E-commerce platform for musicians and music studios. Software development (Scala, VueJS) and digital marketing.
Oct. 2015 – Sep. 2021 **Eindhoven, The Netherlands**	**Senior Software Engineer, Bloomlife** Embedded algorithms (C++ 20), web apps (Flask, Play Framework, VueJS) and infrastructure (Python, Docker).

PERSONNAL PROJECTS

Friday • One of the most used image processing library for Haskell

Rusty • A highly scalable, user-space, TCP/IP stack written in C++

Covid-Tracer • A decentralized and anonymous contact tracing application for Covid19 written in C#

Check my GitHub profile for additional projects and contributions.

EDUCATION

Sep. 2015	**Master of Science: Computer Science** • Université de Liège - Liège, Belgium
Sep. 2012	**Bachelor of Science: Computer Science** • Haute Ecole de la Province de Liège - Liège, Belgium

SKILLS

Algorithms, Signal processing, machine learning (Python)

Functional programming (Haskell, Scala)

Web (Yesod, Flask, Django, VueJS, TypeScript)

Low-level and embedded programming (C, C++ 20)

LANGUAGES

French   *Native speaker*

English   *Fluent*