



# VALENTIN SPORER

Software Engineer

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👤 30 years old  
🔗 github.com/demonoidv

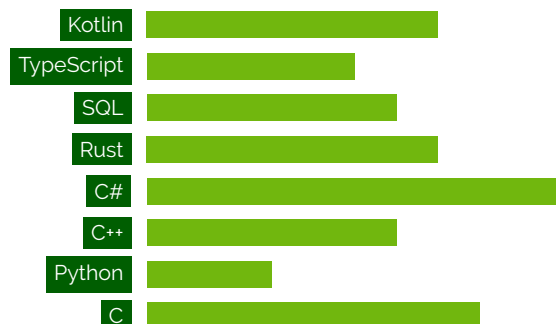
## WHO AM I?

Mainly a back-end developer with an interest in front-end, I am pragmatic and versatile.

I love learning and easily adapt to new languages and technologies, as evidenced by my recent experiences.

I enjoy teamwork, but I am also comfortable working independently.

I am currently seeking a new challenge through projects that have a tangible and beneficial impact on people's lives — particularly in privacy and personal data protection, healthcare, developer tools, or AI innovation.



## PROFESSIONAL EXPERIENCE

- 2021 – October 2024 **Software Engineer** Tenable  
3 years  
Design, lead, and development of projects for the *Tenable One* and *Tenable Identity Exposure* products:
- Lead developer on a project aimed at simplifying and accelerating attack detection capabilities configuration for end-users (Rust, C#/.NET, SQL, TypeScript/React)
  - Lead developer on a project enabling the automatic activation and deactivation of attack detection capabilities based on real-time statistics (Rust, C#/.NET, TypeScript/React)
  - Development of horizontal scaling for attack detection services (C#/.NET)
  - Maintenance and development of JSON APIs and associated SQL queries (TypeScript/Node.js, Kotlin, SQL)
  - Development of React components and pages for a SPA (Single Page Application) (TypeScript/React)
- 2020 – 2021 **Software Engineer - Apprentice** Alsid / Tenable  
1 year and 10 months  
Maintenance and improvement of C, C++, C#, TypeScript (Node.JS), SQL code across most back-end services. Writing a Windows event collection agent in Rust<sup>1</sup>.  
C / C++ / C# / Node.JS / SQL / .NET / Rust / Win32 API
- 2018 – 2020 **Junior Software Engineer** Alsid  
13 months  
Primary maintainer of the two programs I optimized during my previous internship. Developed the new security analysis engine in C#/.NET. Migrated PowerShell code to C#.  
C / C++ / C# / PowerShell / .NET / Win32 API / Active Directory
- 2018 **System Developer - Intern** Alsid  
6 months *internship*  
Internship focused on massive parallelization and optimization (multi-threading + buffering) of two programs in C and C++ at the core of *Alsid For AD* (now *Tenable Identity Exposure*). Developed testing tools in Python and PowerShell.  
C / C++ / Python / PowerShell / Win32 API / Active Directory

## EDUCATION

- 2016 – 2021 **Expert in Computer Science and Information Systems** 42 School Paris  
(RNCP Level 7, French National Directory of Professional Certifications. Bac +5)  
Training in various areas of computer science: algorithms, graphics, UNIX systems, security, video games, web...  
I learned to develop almost from scratch, initially in C, then in Rust and Assembly, specializing in low-level application development and security.
- 2013 – 2015 **BTS (Brevet de Technicien Supérieur) ERO (Bac +2)** Val de Garonne High School  
BTS in Study and Production of Forming Tools. Very high precision machining.  
3D design and fabrication of molds for series plastic injection through machining of steel blocks.
- 2010 – 2013 **Vocational Baccalaureate in Molding Technician** Mas Jambost Technical High School  
Vocational Baccalaureate in the Design and Production of Models, Prototypes, and Molds for Foundry.

## LANGUAGES

**French** - Native  
**English** - Advanced

## HOBBIES

I enjoy setting up my NAS and home network. Assembling and maintaining my machines. I practice archery as well as 3D design and printing.

## TOOLS

Git, Docker, OpenAPI, Vim, IntelliJ, Visual Studio, VS Code, Rider, Rust Rover, Grafana, Datadog, Sentry, Kafka, RabbitMQ, Snowflake, PostgreSQL, ...