



# VALENTIN SPORER

Software Engineer

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👤 30 years old  
🔗 github.com/demonoidv

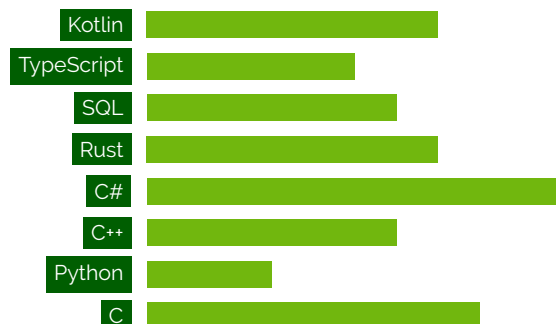
## WHO AM I?

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 3 years	<b>Software Engineer</b> Design, lead, and development of projects for the <i>Tenable One</i> and <i>Tenable Identity Exposure</i> products: <ul style="list-style-type: none"><li>Lead developer on a project aimed at simplifying and accelerating attack detection capabilities configuration for end-users (Rust, C#/.NET, SQL, TypeScript/React)</li><li>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)</li><li>Development of horizontal scaling for attack detection services (C#/.NET)</li><li>Maintenance and development of JSON APIs and associated SQL queries (TypeScript/Node.js, Kotlin, SQL)</li><li>Development of React components and pages for a SPA (Single Page Application) (TypeScript/React)</li></ul>	Tenable
2020 – 2021 1 year and 10 months	<b>Software Engineer - Apprentice</b> 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	Alsid / Tenable
2018 – 2020 13 months	<b>Junior Software Engineer</b> 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	Alsid
2018 6 months <i>internship</i>	<b>System Developer - Intern</b> Internship focused on massive parallelization and optimization (multi-threading + buffering) of two programs in C and C++ at the core of <i>Alsid For AD</i> (now <i>Tenable Identity Exposure</i> ). Developed testing tools in Python and PowerShell. C / C++ / Python / PowerShell / Win32 API / Active Directory	Alsid

## EDUCATION

2016 – 2021	<b>Expert in Computer Science and Information Systems</b> (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.	42 School Paris
2013 – 2015	<b>BTS (Brevet de Technicien Supérieur) ERO (Bac +2)</b> 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.	Val de Garonne High School
2010 – 2013	<b>Vocational Baccalaureate in Molding Technician</b> Vocational Baccalaureate in the Design and Production of Models, Prototypes, and Molds for Foundry.	Mas Jambost Technical High School

## 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, ...