VALENTIN SPORER

Software Engineer

Poitiers, FRANCE

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29 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, such as privacy and personal data protection or the health sector.

Language	
Kotlin	
TypeScript	
SQL	
Rust	
C#	
C++	
Python	
C	
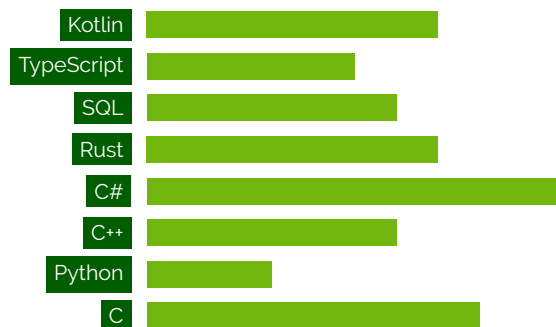
PROFESSIONAL EXPERIENCE

2021 – today
2 years et 10 months

Software Engineer
Tenable

Maintenance and improvement of C#, TypeScript (Node.js), SQL, and Rust code for nearly two years, then exclusively working with Kotlin, SQL, and TypeScript/React for the *Tenable Identity Exposure* and *Tenable One* applications.

```
C# / Node.JS / SQL / .NET / Rust / Kotlin / TypeScript / React
```

2020 – 2021
2 years part-time

Software Engineer - Apprentice
Alsid / Tenable

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[1].

```
C / C++ / C# / Node.JS / SQL / .NET / Rust / Win32 API
```

2018 – 2020
13 months part-time

Junior Software Engineer
Alsid

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
6 months internship

System Developer - Intern
Alsid

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
(RNCP Level 7, French National Directory of Professional Certifications. Bac +5)
42 School Paris

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 Superieur) 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, ...

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[1] github.com/tenable/Tenable.ad-EventsLogs-Subscriber