

Brahim SADIK

Software Engineer

Dynamic and motivated, passionate about software development and problem-solving, creating innovative solutions, and contributing to open-source projects.

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EDUCATION

Engineering - Logistics and Supply Chain Management

National School of Applied Sciences - Marrakesh, Morocco
2018 - 2021

Learned about logistics, supply chain management, and software development.

Preparatory Classes - Core Curriculum

National School of Applied Sciences - Marrakesh, Morocco
2016 - 2018

Learned the basics of programming languages such as C, C++, Matlab and also the engineering sciences.

Bachelor of Mathematics - Mathematical Sciences (A)

Demnate Qualifying High School - Demnate, Morocco
2015 - 2016

Accumulated knowledge in mathematics and statistics, developing problem-solving skills and analytical thinking.

PROFESSIONAL EXPERIENCES

Technical Support Engineer | PercallGroup

01 August 2022 - 01 April 2025 | Rabat, Morocco

- Providing technical support to PTC customers regarding Windchill PDMLink and Windchill ProjectLink (Administration and Functionality).
- Analyzing customer requirements and providing solutions through investigation (logs, stack traces, debugging, and analysis of the source code) and research in the KB
- Ensure solutions are provided in a timely manner and meet customer expectations
- Collaborate with the R&D teams to identify and resolve issues
- Write articles and publish them to PTC knowledge base.

Intern | Capgemini Engineering

18 May 2022 - 18 August 2022 | Casablanca, Morocco

- Built a fullstack application to calculate CO2 emissions related to company operations.
- Built the frontend using React and the backend using Node.js and Express and MongoDB.
- Used third party API's to get CO2 emission factors and calculate the emissions.

Intern | AIC Metallurgie

01 April 2021 - 01 August 2021 | Kenitra, Morocco

- Proposed a real time control method for welds.
- Studied the welding process and the control methods used in the company along with all the already existing methods.
- Planned the project using GANTT, PDCA, along with the functional analysis.
- Provided a non-destructive method for real time control using Industry 4.0 concepts and AI.

PROJECTS

Landing Page for my Portfolio WebSite - <https://www.brahimsadik.com>

[Three.js](#) [HTML5](#) [CSS3](#) [TypeScript](#)

Professional Resume Builder - <https://resume-builder.brahimsadik.com>

[Next.js](#) [TypeScript](#) [TailwindCSS](#)

SKILLS

- Strong Knowledge in Mathematics, Optimization, and Statistics

[Linear Algebra](#) [Calculus](#)

[Probability](#) [Machine Learning](#)

[Data Analysis](#)

- Programming Languages

[C](#) [C++](#) [Python](#) [Matlab](#)

[Java SE](#)

- Web Development

[HTML5](#) [CSS3](#) [JavaScript](#)

[TypeScript](#) [Node.js](#) [Deno](#)

- Frameworks and Libraries

[React](#) [Vue.js](#) [Svelte \(Beginner\)](#)

[Next.js](#) [Nuxt \(Beginner\)](#) [Express.js](#)

[Mongoose](#) [Clerk](#) [Drizzle](#) [Prisma](#)

[Socket.io](#) [Spring Boot](#)

- Database Management

[Oracle](#) [MongoDB](#) [PostgreSQL](#)

[MySQL](#)

- Artificial Intelligence (Beginner)

[Algorithms](#) [Supervised Learning](#)

[Linear Regression](#)

[Logistics Regression](#) [Neural Networks](#)

- Data Processing and Data Visualization

[Pandas](#) [Matplotlib](#)

[Power BI \(Beginner\)](#) [Web Scraping](#)

[Data Cleaning](#) [Data Transformation](#)

- Operating Systems and Tools

[Linux](#) [Windows](#) [Git](#) [GitHub](#)

[Docker](#)

- Soft Skills

[Communication](#) [Collaboration](#)

[Time Management](#) [Adaptability](#)

[Problem Solving](#) [Critical Thinking](#)