

SAMI ASKRI

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Computer Science Engineering student with experience in software development and DevOps, currently working as a Software Engineer Intern at Siemens on C++, Python, and React-based systems. Actively seeking a software engineering internship for Summer 2026.

EDUCATION

CPE Lyon - Computer Science engineering degree Sep 2024 - 2027

- Specialized in development / Data / AI
- DevOps/ Object-oriented programming / Design Patterns / databases / cybersecurity / OS and concurrent programming in C / Data structures and algorithms in Python / IoT

Les Chartreux - Lyon : Intensive Preparatory Program in Mathematics and Physics 2022 - 2024

- Selective two-year post-secondary program preparing for entrance to French engineering schools.
 - Advanced Mathematics and Physics
 - Use of Python to run simulations and calculations
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WORK EXPERIENCE

Software Engineer Intern (Apprenticeship Program) Sep 2024 - Present

Siemens Industry Software SAS - Lyon

- Developed and extended MBSE software features using C++, Python, and SysMLv2.
 - Implemented ActionFlowView modeling for both desktop (Qt/C++) and web (Python/React) applications.
 - Worked on state machine simulation across backend and frontend components.
 - Collaborated with cross-functional teams to improve system visualization and usability.
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PROJECTS

• Sport and nutrition guide (mobile app):

Developed a mobile app using Flutter framework and firebase database in order to create a sport and nutrition guide.

• Saving autonomous robot :

Contributed to the assembly of a small robot and developing a C code that makes the robot autonomous on avoiding obstacles and follow one direction in the space.

SKILLS

• Technical Skills:

Languages: C, C++, Python, Java, Dart, JavaScript

Frameworks: React, Flutter

DevOps & Tools: Docker, Kubernetes, GitLab CI/CD, Jenkins, Ansible, Terraform

Databases: MySQL, Firebase

Cloud & Systems: Linux, AWS

Engineering: MBSE, SysMLv1/v2

• Languages: English, French, Arabic

EXTRA-CURRICULAR ACTIVITIES

Basketball university club

Gym