# 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, for a minimum duration of 9 weeks , between june 15 and September 15.

## EDUCATION

**CPE Lyon - Computer Science engineering degree - 4th year**            **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

## 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.

## 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 autonoumous 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