

# SAMI ASKRI

sami.askri88@gmail.com

[samiaskri.com](http://samiaskri.com) | My\_Github

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## EDUCATION

CPE Lyon - Computer Science engineering degree Sep 2024 - 2027

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

Les Chartreux - Preparatory cycle 2022 - 2024

- Advanced Mathematics and Physics
  - Use of Python to run simulations and calculations
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## WORK EXPERIENCE

### Software engineer

Siemens Industry Software SAS - Lyon Sep 2024 - Present

- Understanding the work of industrial systems and application MBSE concepts using different tools
  - Contributing to the extension of MBSE softwares features : adding ActionFlowView modelization
  - Working on both desktop software (SystemArchitect) and web application (Simcenter Studio) to permit the visualization and authoring of ActionFlowViews
  - Working on StateMachines simulation (backend + frontend)
  - Using SysMLv2 / C++ / Python / Qt library / React.js
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## SKILLS

### • Technical Skills:

Programming: C, C++ / Python / React.js / Java / PHP / Dart

Databases : MySQL / Google Firebase

Engineering : MBSE (Model based systems engineering) / SysMLv2, SysMLv1

DevOps : Docker, Kubernetes, GitLab, Jenkins, Ansible

Infrastructure : AWS, Terraform

### • Languages:

English, French, Arabic

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## PROJECTS

### • Sport and nutrition guide (mobile app): (link to be added)

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

### • Saving autonomous robot : (github link to be added)

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.

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## EXTRA-CURRICULAR ACTIVITIES

Basketball university club

Gym

Music