

SAMI ASKRI

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[My_Github](#)

EDUCATION

CPE Lyon - Computer Science engineering degree

Sep 2024 - 2027

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

Les Chartreux - Preparatory cycle - Math & Physics

2022 - 2024

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

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

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

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.

EXTRA-CURRICULAR ACTIVITIES

Basketball university club

Gym

Music