

SAMI ASKRI

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samiaskri.com | [My Github](#)

EDUCATION

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| 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 - Math & Physics | 2022 - 2024 |
| • Advanced Mathematics and Physics | |
| • Use of Python to run simulations and calculations | |
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WORK EXPERIENCE

Software engineer

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| 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):** 
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.
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EXTRA-CURRICULAR ACTIVITIES

Basketball university club
Gym
Music