Table of competences:

Knowledge or skills of the target	Current level (1 to 5)	Justification and evidence of current level (expérience, résultats, certifications, …)	Target level (1 to 5)	Means and action plan to be implemented to reach the level
Programming languages	4	Projects CESI/Internships	5	Monitoring, electives, personal projects, internships, hackathons
Version management	3	Projects CESI	5	Studies, electives, personal projects, internships
Database management knowledge	4	Projects CESI/Internships	5	Studies, personal projects, internships
Mastery of the development environment	3	CESI	4	Studies, personal projects, internships
Project management (Agile, SCRUM)	2	Some notions at CESI, never implemented	5	Use of methods in projects (personal and study), personal research, internships
Team work	3	Projects CESI	5	Studies, internships
Communication	3	Training at CESI	5	Studies, internships, daily life
Methodical	4	CESI, Personal projects	5	Studies, internships
Rigorous	5	Daily life	5	Continue on this path
Code validation test	2	Seen in brief at CESI	5	Internships, personnal project
Algorithmic knowledge	3	Basics seen at CESI	5	CESI (Advanced Algorithms block after the 3rd year internship)

Target:

III — Elective development

Technology monitoring

Doing the course projects with project management methods

II — Programming languages

Communication

Project management (Agile, SRUM)

Algorithmic knowledge

I — Software Engineer

Version management (GIT)

Mastering the environment development

"Hackathons", "Nuit de l'info"

Database management knowledge

Personnal projects

Methodical

Improve my communication with my colleagues

Team work

Validation test of the code

3rd, 4th and 5th year internships

Rigorous

5th year option : Data Scientist & Big Data