

It is important to have professional interviewers to talk about environmental issues and the eco-friendly economic ecosystem. As an engineer, it is essential to be involved in this cause in a responsible manner to contribute to the protection of our planet for future generations.

Following the advice of our professors, I took a test on the website www.sulitest.org to determine my knowledge on various societal issues.

Session : English 2023 : Knowledge + ... of skills + Mindset +
Regional France

Organization : ECOLE NATIONALE SUPÉRIEURE ELECTRONIQUE
ELECTROTECHNIQUE INFORMATIQUE T&C
Examiner : Olivier THUAL

Period of the session : 01/13/2023 => 07/31/2023

Module	Score ⁽¹⁾	% ⁽²⁾	Benchmark ⁽³⁾
CORE International	100	83 %	Worldwide: 57 % In your session: 65 %
Knowledge - Sustainable humanity and ecosystems	32	80 %	Worldwide: 61 % In your session: 70 %
Knowledge - Global and local human-constructed systems	16	67 %	Worldwide: 57 % In your session: 43 %
Knowledge - Transition towards sustainability	36	90 %	Worldwide: 55 % In your session: 69 %
Knowledge - Role to play, individual & systemic change	16	100 %	Worldwide: 54 % In your session: 78 %

From this experience, I was able to determine a strong interest in my field (the DevOps profession), and more importantly how I can contribute in the future to the environment. The DevOps profession combines computer development and systems management skills. The main goal of this profession is to improve collaboration between development teams and operations teams in order to make computer projects more efficient and faster. A DevOps works on computer projects using tools and methods to automate development, testing, deployment and system management processes. They also work with development teams to identify and quickly resolve problems. A DevOps is often involved in setting up new systems and optimizing existing systems to improve performance and reduce costs. They also work with security teams to ensure that computer projects are secure. To conclude, a DevOps is a professional who works to improve collaboration between development and operations teams in order to make software projects more efficient and faster by using automation tools and methods.

In my opinion, my job has the potential to carry out the following tasks for the environment:

1. Using cloud computing technologies to optimize the use of computer resources and reduce greenhouse gas emissions.
2. Automating deployment and configuration processes to reduce human error and waste.
3. Using monitoring tools to monitor energy consumption and greenhouse gas emissions.
4. Using virtualization technologies to reduce the need for computer hardware.
5. Promoting the use of open-source software that has a less environmental impact than proprietary software.
6. Promoting the use of eco-friendly technologies in projects.
7. Raising awareness among team members about eco-friendly practices.
8. Implementing environmental performance indicators to measure progress.
9. Using supply chain management tools to ensure that suppliers comply with environmental standards.
10. Using containerization technologies to reduce the need for computer hardware and make it easier to move applications between different environments.
11. Using energy management tools to turn off unused servers and computer equipment.
12. Promoting the use of eco-friendly datacenters to host applications.
13. Using waste management tools to recycle computer equipment at the end of its life.
14. Promoting the use of sustainable development methods for computer projects.
15. Using data analysis tools to identify opportunities to improve the environmental impact of computer projects.
16. Setting up training programs to raise employee awareness of eco-friendly practices and encourage eco-friendly behaviors.