Offer #2024-08306

Internship Web Development: static website creation, management and automation

Level of qualifications required : Master's or equivalent

Fonction : Internship Engineering

About the research centre or Inria department

The Inria center at the University of Rennes is one of eight Inria centers and has more than thirty research teams. The Inria center is a major and recognized player in the field of digital sciences. It is at the heart of a rich ecosystem of R&D and innovation, including highly innovative SMEs, large industrial groups, competitiveness clusters, research and higher education institutions, centers of excellence, and technological research institutes.

Context

OpenViBE is an open-source software designed for brain-computer interfaces (BCI) and real-time neuroscience applications. It provides a platform for the acquisition, processing, and visualization of brain signals and enables communication with third-party applications. OpenViBE is used across a variety of fields, including neuroscience research, rehabilitation, sports, and entertainment. It is a foundational tool for several research teams at Inria, CNRS, and Inserm, and is used in numerous international laboratories.

Assignment

As part of this internship, you will participate in the complete redesign of the OpenViBE website, moving from a WordPress system to a lighter, more maintainable solution, such as Material for MkDocs. The main goal is to bring a fresh look to the website while simplifying its management and maintainability through Git version control. You will also be responsible for setting up continuous integration with GitLab to automate the deployment and updates. This internship will allow you to develop skills in managing static websites, automation, and continuous integration, while contributing to an open-source project in a cutting-edge technology field.

Main activities

Solution Selection: Research and evaluate relevant technologies for creating static sites for open-source projects, selecting the most suitable option.

Revamp of Visual Identity: Design a new visual style guide that harmonizes visual elements, aiming for a cohesive and modern look.

Site Migration: Rebuild the website using the chosen solution to simplify its structure and enhance maintainability.

Production Deployment: Participate in the production deployment process, which includes purchasing and configuring the domain name, managing the hosting and automating the deployment (with Gitlab)

Procedure Documentation: Create comprehensive documentation for future maintainers, detailing the processes for managing and updating the site.

Skills

Technical skills:

HTML, CSS, JavaScript, Git, Continuous Integration, UI Design and technical writing

Optional experience with static site generators

Core skills:

Demonstrating critical thinking, effective communication and curiosity, while showing autonomy in problem-solving

Benefits package

- Subsidized meals
- Partial reimbursement of public transport costs
- Leave: 7 weeks of annual leave + 10 extra days off due to RTT (statutory reduction in working hours) + possibility of exceptional leave (sick children, moving home, etc.)
- Possibility of teleworking (after 6 months of employment) and flexible organization of working hours
- Professional equipment available (videoconferencing, loan of computer equipment, etc.)
- Social, cultural and sports events and activities
- Access to vocational training
- Social security coverage

General Information

- **Town/city :** Rennes
- **Inria Center :** Centre Inria de l'Université de Rennes
- **Starting date :** 2025-01-06
- **Duration of contract :** 6 months
- **Deadline to apply :** 2024-11-30

Contacts

- **Inria Team :** SED-RBA
- **Recruiter :**
Prampart Thomas / thomas.prampart@inria.fr

About Inria

Inria is the French national research institute dedicated to digital science and technology. It employs 2,600 people. Its 200 agile project teams, generally run jointly with academic partners, include more than 3,500 scientists and engineers working to meet the challenges of digital technology, often at the interface with other disciplines. The Institute also employs numerous talents in over forty different professions. 900 research support staff contribute to the preparation and development of scientific and entrepreneurial projects that have a worldwide impact.

> **Warning** : you must enter your e-mail address in order to save your application to Inria. Applications must be submitted online on the Inria website. Processing of applications sent from other channels is not guaranteed.

Instruction to apply

Defence Security :
This position is likely to be situated in a restricted area (ZRR), as defined in Decree No. 2011-1425 relating to the protection of national scientific and technical potential (PPST).Authorisation to enter an area is granted by the director of the unit, following a favourable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavourable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.

Recruitment Policy :
As part of its diversity policy, all Inria positions are accessible to people with disabilities.