

JOB ANNOUNCEMENT

Instructor – Digital Atelier Lead

Context.

The École nationale supérieure de création industrielle, ENSCI-Les Ateliers, is the first French higher education institution dedicated entirely to design. Global rankings place the school amongst the most prestigious internationally in the field. The pedagogical model is project-based and stresses collaboration with industrial, institutional, and academic partners.

ENSCI offers selective integrated Master's programs in Industrial or Textile Design. The school also proposes continuing education and research programs, including a doctoral degree in partnership with the École nationale supérieure, ENS Paris-Saclay.

Students at ENSCI work hands-on in the ateliers which are equipped with the appropriate material. The school has model-building, CAD/CAM, wood, and metal workshops. The school also offers audiovisual studios including photography, video, and sound. Finally, the school offers a material and processes resource center. The digital resource atelier was created within this ecosystem, and it proposes assistance in the prototyping of interfaces, connected objects, and interactive objects and experiences.

In the context of a replacement, ENSCI is currently recruiting an instructor to serve as Lead for this digital resource atelier. The successful candidate will animate this space and accompany students in testing the feasibility of their projects and hypotheses, as well as prototyping. The work deals essentially with electronic elements and microcontrollers, but also incorporates other innovative technologies and experimentation.

The successful candidate will animate and develop the activity of the atelier (30%); offer technical and conceptual expertise to the students developing projects with digital elements (30%); propose practical course offerings adapted to the global objectives of each training program, while adopting a pedagogical approach that encourages student autonomy and the appropriate usage of digital elements within design practices (30%). Finally, the Digital Atelier Lead participates more globally in the educational project of the school (10%).

Beyond the operational missions cited above, the successful candidate should be able to articulate a strategic vision of digital design practices within the school and its programs.

Qualifications:

- Engineer in computational technologies or code, Electronics Engineer, or IT Developer at the Master's Degree Level. The successful candidate ideally has 10+ years of professional practice in the creation and development of electronic devices in project-based, collaborative environments. Experience in teaching, tutoring or mentoring. Experience in research programs or environments appreciated.

Required Skills:

- Expertise in the creation and development of electronic devices including connected objects, programming microcontrollers, on PC, Macintosh and Linux.
- Knowledge of contemporary programming languages (Java, Javascript, C++, Swift, Php...) and of data treatment technology (Arduino, Raspberry Pi, Teensy...).
- Connected object prototyping experience. Knowledge of the constraints of industrial production of such devices.
- Desire to work with creative fields in general, above all industrial design (shape, scale, materials). Possesses a culture of innovation (objects, services, spaces, materials, interaction, processes ...).
- Good understanding of the stakes, logic, and limits of design project management.
- Capacity to adapt to a disparate panel of student profiles and needs.
- Innovative pedagogical practice.
- Curiosity, open-mindedness, with an appetite for experimentation and research-based practices.
- Facility in creating positive group dynamics with students and other faculty within transversal environments.
- Time and priority management skills.
- Fluent in spoken English and knowledge of the technical terms in the digital field so as to work with visiting foreign students and faculty.

Employment conditions:

- Part-time permanent position: 3 days per week minimum.
- Starting date of January 2, 2020, ideally.
- Annual salary according to experience, between 42 and 47 K€ brut (indicative full-time salary).
- Other advantages: complementary health insurance, restaurant tickets, reduced prices and special access to cultural events, etc.

Application procedure:

Candidatures must include a resume and a cover letter. They should be sent electronically to **rh@ensci.com** or by mail to the following address: **ENSCI – Les Ateliers, Pôle Ressources Humaines, 48 rue Saint Sabin - 75011 Paris**. Applications must be received by **November 30, 2020** at latest.

The recruitment process will be led by the Human Resources Department in collaboration with the Manager of the Resource Ateliers to whom this position will report.