

SKAIROS is hiring an engineer/postdoc in medical imaging/modeling as part of an innovative patient specific modeling project for spine surgery planning.

#### Job Title

**Type of position:** CDI.

**Salary:** depending on profile and experience

**Company:** SKAIROS

**Assignment:** R&D department, in charge of the development of medical imaging software for the construction of patient specific biomechanical models of the spine and for surgery planning.

**Location:** Paris

#### Job Overview

Presentation of the company: SKAIROS is a deeptech startup that develops the first industrial finite element model of the spine to accelerate the development of innovative implants. SKAIROS is laureate of the INov 2022 competition for its SILVER SPINE surgical planning project to better understand and prevent mechanical complications associated with spinal surgeries.

#### Missions and activities of the position:

As part of the SILVER SPINE project, the recruited person will be integrated into a multidisciplinary team and will contribute to the development of tools based on medical imaging for the construction of personalized biomechanical models allowing for surgery planning.

With a strong and multidisciplinary scientific culture, he/she will have the ability to interact with clinical and academic partners, listen to expressed needs, and contribute to consolidating and implementing innovative algorithms with a pragmatic objective of an operational software.

#### Candidate Profile

Graduated with a PhD in medical imaging or in a related field (geometric modeling, databases, Artificial Intelligence), he is also sensitive to the development of concrete and operational applications.

Organized, structured and voluntary, pragmatic and rigorous, He-she builds relationships with the team and partners, based on the values promoted by the company: reliability, competence, loyalty, ethics and societal commitment. The application of a beginner with very high potential may be considered.

Teamwork and autonomy, as well as excellent writing skills in French and English are essential.

#### Contact

Send CV, cover letter and references to the following address, specifying position imaging

[team@skairos.io](mailto:team@skairos.io)