

## Software developer Internship

IOM, with the support of the Belgian and Tunisian Government, and in coordination with different partners at national level, will provide a group of targeted Tunisian students and university graduates with concrete opportunities to develop their competences in Belgium, and thus improve their chances of finding an adequate and lasting job in Tunisia.

### Company:

FEops, headquartered in Gent, Belgium, is a leader in personalized computational modeling and simulation for structural heart interventions. FEops HEART guide proprietary platform uses advanced computational modeling and simulation technology to provide clinicians and device manufacturers first-ever insights into the interaction between the device and the specific patient anatomy – preoperatively. Such insights have tremendous power to accelerate research and development of novel transcatheter-based solutions, as well as ultimately improve clinical outcomes in real-world hospital settings.

**Field:** Personalized computational modeling & simulation solutions for structural heart interventions.

**Number of positions:** 1

### Job Overview:

We are looking for a motivated Python/Django Developer who will be involved in the development of several web-based platforms to share 3D results of personalised computational modelling, but also to control the underlying processing workflows. You will be involved in both the back-end and front-end development, giving you the opportunity to touch many different technologies.

### Need to have

- MSc or BSc in the field of Computer Science
- Experience with Python (including object oriented programming)
- Experience with Linux
- Knowledge of Django (model-view-controller)
- Knowledge of software testing
- Basic knowledge of databases (e.g. PostgreSQL), html and version control (e.g. Git)
- Good knowledge of English (written and spoken)
- Willingness to document
- Eager to learn attitude

### Nice to have

- NginX
- Javascript
- WebGL (e.g. three.js)
- Bash scripting
- Experience with Amazon AWS
- Experience with medical device software development
- Experience with test automation and deployment pipelines (e.g. Jenkins)

**Education Level:** Bachelor

**Terms of the internship:**

- **Type of Contract:** Internship contract
- **Date and duration:** 6 months
- **Training location:** Ghent (Belgium)

To apply for this opportunity, please send your resume and a cover letter: [circularmigration@iom.int](mailto:circularmigration@iom.int)