Java Developer for Space Applications

Your mission

Develop the first ever collision avoidance and frequency coordination framework with the most modern technologies and tools the world has to offer for the OKAPI platform. Your mission will be to develop OKAPI:Orbits´ collision avoidance services further from providing guidance in case of detected encounters to enable customers avoiding interference already on their day-to-day mission planning. Additionally, you will contribute to projects for (inter)national customers on which worldwide satellite operators rely on.

Responsibilities and tasks

- Contribute to the development of the backend of the OKAPI:Orbits platform,
- Improve the automated testing and deployment of OKAPI:Orbits' platform,
- Develop space related Java applications for customers.

Your profile

- You are an experienced Java programmer, and can prove this experience by contribution to relevant projects during your studies and/or prior work,
- You have a degree (B.Sc. or higher) in computer science or a related subject,
- Alternatively, you are a trained IT specialist with work experience in Java,
- Good knowledge of written and spoken English,
- Experience with other programming languages, Kubernetes and Docker is a plus,
- Experience with stream processing systems (Flink, Kafka etc.) are a plus,
- Experience in an aerospace related domain is a plus.

Benefits

- Join a team of motivated entrepreneurial colleagues in the space domain
- Possibility to participate in national and international conferences in the fields of SSA/SST/Space Debris and Space Traffic Management as representative
- Flexible work hours and remote work options
- While our Brunswick office is located in the heart of Europe´s biggest scientific research region, in Luxembourg you have the possibility to shape our new team in an international environment.

Process

To apply, please send a short cover letter, CV, and any references you consider relevant to career@okapiorbits.space. We will be in contact short after to discuss the next steps.