Job Title: Internship - Machine Learning for Intelligent Knowledge Mining

Where others see barriers, we see opportunities.

Do you enjoy supporting customers realizing breakthrough value? Do you stay attuned to your customers' needs and visions? Do you like to work openly and supportively together with your colleagues and customers? Our work involves many different minds and skills, it can't be done alone.

It's a great time being SES.

SES is the world-leading satellite operator providing end-to-end communication solutions. SES leads across new technologies in video, enterprise, mobility and government

We are a team of people coming from all across the globe who work together to make a real difference in the world.

- We help to bridge the digital divide by connecting millions of people on the African continent.
- We make it possible for people to stay connected while flying 10km up on a commercial airplane. We provide extensive satellite coverage of all of the world's seas and ocean regions via our dedicated mobility beams
- We distribute 7,400 channels to more than 1 billion people in 317 million homes.
- We work together with our partners to develop new standards that transform how people consume and enjoy entertainment.

Internship - Machine Learning for Intelligent Knowledge Mining

Context

6-month internship, starting in March/April 2019.

This is an exciting opportunity to be part of a satellite operation engineering team in a fast-paced, global

organization within an innovative and unique industry.

SES is currently developing a satellite monitoring system based on Machine Learning techniques. One of the major challenges to address is the dimensionality of the problem, or otherwise said, the large amount of simultaneous data points to be processed in real time. Based in Betzdorf, you will contribute to improve our telemetry analytics tools.

Your responsibilities

- Develop software which leverages available knowledge resources such as satellite documentation, satellite procedures and display definitions to map data functional proximity and group them in an efficient manner. This output will be used as input to other on-going ML projects
- Develop an internal satellite documentation search engine using ML to assist in rapidly finding relevant satellite operational and design information

Your profile

- Being an advanced Master's student in Computer Sciences or in a relevant technical area, with a specialization in Data mining, statistical decision methods and Machine Learning
- Proven coding skills using Python
- Knowledge of GUI development (e.g. Full stack HTML + JS) is a strong plus
- Interest in the media/telecommunication business and technical interest in satellites
- Excellent analytical and judgment skills
- Ability to set priorities and to work under tight deadlines
- Work independently as well as in a team
- Easiness to communicate at all levels
- Fluency in spoken and written English with additional languages considered an asset
- EU nationality or work permit for Luxembourg.

We offer you

- A diverse workplace. For SES, diversity is more than a question of gender or race; we welcome different minds and different skills.
- An exciting experience in a fast moving and fascinating industry. Our technology is launching into space on the next generation of rockets.
- The internship is remunerated. SES provides excellent sport facilities and a canteen on site.

SES is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Para aplicar, lo pueden hacer directamente desde la plataforma de successfactor (https://
career5.successfactors.eu/sfcareer/jobreqcareer?jobId=7398&company=SES&username=)