



IT Signal Processing & Algorithmic Developer Engineering Internship

- REF # ENGIN1701 -

- Position: IT Signal processing & Algorithmic Developer Engineering Internship
- Duration: 6 months to 1 year, with job offer upon successful performance
- Start Date: January 2017
- Location: France or Switzerland
- Remuneration: According to profile

About SAFETYN®

SAFETYN® is a High-Tech Start-Up specialized in developing disruptive Safety and Life Preservation Solutions in Aviation and in other sectors with high-risk profiles.

SAFETYN® Products & Services are designed to drastically reduce the risks of entering the danger zone of irremediable fatal accidents while constantly refining Pilots' Safety Situational Awareness & Acumen.

Leveraging our unique Safety Thinking approach, our Agility-centric DNA and our interconnection with major Innovation Hubs across the World, we are passionately working towards setting THE HIGHEST STANDARDS IN PRESERVING LIVES.

SAFETYN®: "ZERO Fatalities – NO Inevitability"

Your Mission

As part of SAFETYN® Team, you will directly be working with the Co-Founders and be responsible for the whole software development activities of a subpart of our Integrated Solution. You will work on the implementation of algorithms that are run in real time based on inputs from a variety of sensors.

Some examples of your assignments will include:

- Conduct data processing and analysis of critical safety data to extract signal information from different sensors for a better quality of detection and measurement of safety-critical patterns
- Develop signal processing algorithms that will be run in real-time on our Integrated Solution
- Collaborate with machine learning specialists and embedded developers
- Develop front-end interfaces (Web, Smartphone Application, etc...)
- ...



Desired skills & experiences

- Engineering Students graduating from a Top Engineering School in France Europe or in the US, with recognized Technical Expertise in the following fields:
 - Signal processing with a special focus on time series
 - Applied mathematics: data analysis, statistics
 - Strong skills in scientific computing (middleware, database, web interfaces)
- Comfortable working in lean and agile highly dynamic environment
- Experience with large scale computation, machine learning would be a plus
- Experience with IoT Technologies and connected devices would be a plus
- Essential skills for this type of mission: rigor, organization, conciseness, reliability
- Experience in biosciences, biotech, embedded systems (automotive, aerospace...)
- Strong interest in disruptive technology innovation / entrepreneurship / start-up world is required
- High levels of motivation, autonomy and resilience, excellent team player
- Having a pilot license would be a plus

Apply today

If you are ready for an entrepreneurial and human adventure with SAFETY N®, send us your references with your brightest achievements and your salary expectations at talents@safetyn.com, quoting the Reference Number above.

The confidentiality of your application is guaranteed by SAFETY N SAS. Pursuant to the personal data protection laws (eg European directive 95/46 of 24 October 1995), we inform you that the communication of your curriculum vitae is optional and will allow us to study your application. Such information is solely intended for SAFETY N SAS. You have access and correction rights with respect to your personal data. Such access and correction rights may be exercised by e-mail sent to the following address: contact@safetyn.com or by mail addressed to Direction des Ressources Humaines, SAFETY N SAS, 50 rue Gustave Eiffel, 01630 Saint-Genis Pouilly, France