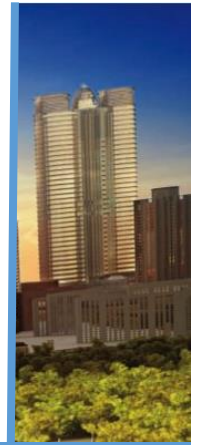


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<p>Job title</p>	<p align="center">Machine Learning PhD student position</p>
<p>Company description</p>	<p>ST is a global semiconductor leader delivering intelligent and energy-efficient products and solutions that power the electronics at the heart of everyday life. ST's products are found everywhere today, and together with our customers, we are enabling smarter driving and smarter factories, cities and homes, along with the next generation of mobile and Internet of Things devices. By getting more from technology to get more from life, ST stands for life.augmented.</p> <p>In 2017, the Company's net revenues were \$8.35 billion, serving more than 100,000 customers worldwide. Further information can be found at www.st.com.</p>
<p>Missions</p>	<p>You will be part of an engineering team involved in a Machine Learning (ML) project for semiconductor manufacturing.</p> <p>Your missions will be :</p> <ul style="list-style-type: none"> - Develop ML algorithms and complementary data driven models that can be merged with physical models to detect excursions and predict failures. - Implement, train and evaluate ML models in a Hadoop Data Lake - Test prediction models in a real manufacturing environment - Participate to the development of a ML interface software for end-users <p>You will interact with :</p> <ul style="list-style-type: none"> - IT specialists in charge of STMicroelectronics BigData - Technical experts - Engineers from other semiconductor companies
<p>Education required</p>	<p>Must be a current student enrolled into an university pursuing a Ph.D degree in Data Science, Machine Learning, Mathematics and Statistics or equivalent expertise.</p>
<p>Required skills Personal qualities</p>	<ul style="list-style-type: none"> • Strong knowledge in probability and statistical inference • Programming skills in Python • Knowledge in Hadoop framework and SQL databases • Fluent in English
<p>Date, duration and location</p>	<p>STMicroelectronics Crolles (38 ISERE, France)</p>
<p>Reference JO :</p>	

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