Description

Our RDD Machine Learning team is expanding and currently looking for an experienced Senior Engineer to join the team

Accountabilities

* Design and implement machine learning application for   
  Dyson’s products and ecosystem
* Ensure   
  machine learning applications are available to product via defined APIs
* Work   
  closely with other software engineers to optimize product performance
* Keep   
  up-to-date with new technology that may be able to support the machine   
  learning application
* Help architecture   
  team in coming up with new ideas for machine learning
* Understand   
  necessary data and AI requirements to implement machine learning application
* Able to   
  prototype machine learning application quickly for evaluation.

Skills

* Strong   
  quantitative background; a bachelor degree in Computer Science,   
  Mathematics, Statistics, Physics or related field; a PhD is preferred.
* 5+   
  years of experience as a software engineer in a technology company or a   
  PhD with 2+ year industry experience
* Excellent   
  programming skills, and be proficient in at least one of the following languages:   
  C++ and Python; familiar with design pattern and able to enforce it in   
  day-to-day tasks.
* Proficient   
  in machine learning libraries, such as dlib, scikit-learn, numpy or scipy,   
  etc.
* Solid   
  understanding of machine learning algorithms: data cleaning, SVM, evolution strategy, deep   
  learning, probability, and statistics fundamentals
* Having   
  industry experience in building innovative end-to-end machine learning   
  systems is a plus
* Experience   
  in embedded system programming is a plus.
* Great   
  team player and able to communicate complex Machine Learning concepts to   
  other team members
* Independent,   
  Integrity and self-driven with a strong focus on results