

Anubhav Dikshit. Applicant

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Hello,

I am writing to apply for the master's thesis project specifically the topic of "Predictive maintenance" as advertised on your website careers' page. In the job posting, it was mentioned that you want to hire someone belonging to data science background, working with R or python language and using graphical machine learning software.

In four-plus years of my career, I have worked majorly on R programming language and my skillset in this language has only increased while pursuing my master's degree. The program required me to develop R packages which passes CRAN tests. I loved my time with the language, and it can be seen in my grade secured in the R programming course ('A'). Last example of my comfort of the language can be seen in personal website which is managed using R.

One of the courses in my program is called "Advanced machine Learning", this course is largely based on the graphical models and its usage.

Why this topic:

I found this topic very interesting because of the usage of graphic models. Instead of simply forecasting or predicting something the focus of this thesis is the system level learning which is something that I am very eager about and which I find is the right direction for the machine learning industry.

In my job at [Artoo](#) (India), I was the solo person for data science and machine learning. Working in an in-house environment was a fulfilling experience for me since my learning was holistic, something which I would like to replicate at Atlas-Copco.

Expectation from Atlas-Copco:

I always prefer to work in a dynamic environment varying in both domain and scope of projects with interesting people and I sincerely feel Atlas-Copco fulfills this. When I saw this opportunity of thesis at Atlas-Copco, I knew it was the perfect opportunity for me to apply.

As mentioned, I've included my resume so you can learn more about my educational background and all my work experience. Thank you for your time and consideration.

Please feel free to email me, visit my website or call my cell phone at +46 736173879. Looking forward to hearing from you.

Best,
Anubhav Dikshit