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Cover Letter

With this letter I'm applying for the summer internship R&D at Volvo Cars, Göteborg. To be part of such a highly technical company would be a dream come true. To be able to work for Volvo would be an achievement since Volvo is developing the technology of tomorrow and I would feel proud to be part of this development.

Since my background is in Engineering physics and mathematics I have a well adjusted ability to see things from an analytical point of view. By combining this with computer science and different projects involving engineering and physics I believe I have developed the skill-set needed to develop products in such a highly technical field. As a person who has a passion for the automotive industry I see things in a more practical nature. My ability to combine both my analytical and practical knowledge is something that I think would benefit you.

By taking extra courses in programming and due to the fact that I have done programming in Matlab in every math and physics course I have taken, I have built up a keen understanding of programming and Matlab in particular. For example I have modeled a "cheese" through spring interactions which carries out the forces in the "cheese" in Matlab. In Comsol Multiphysics I have performed several different analysis on materials to see which material would be best used in a piezoelectric switch. Through being the project leader to build a particle accelerator I have learned a lot about working in a team and how real engineering projects need to consider everything that can go wrong.

The fields that I would like to work in is *Design and Test Engineering, Modeling and programming and Summarising data*. If you believe a different field than the once above would fit me better, I'm more than open to new things.

Working with you would be a great learning opportunity for me and i hope that you find my abilities of value. I look forward to meeting you.

Kind regards,

Joakim Olofsson