

Ivan Martynov  
Huhtiniemenkatu 19 C 20  
53810 Lappeenranta, FINLAND  
+358 44 936 6589  
ivan.a.martynov [at] gmail.com  
July 31, 2016

Fortum  
Keilaniemi  
P.O. BOX 1  
00048 FORTUM  
FINLAND

Quantitative Developer / Applied Mathematician Application

Dear Hiring Manager,

Please accept my application for the Quantitative Developer / Applied Mathematician position. I would be happy to participate in the development and maintenance of optimization solutions. The opportunity to become a better expert and do something exceptional sounds very attractive.

During my master studies at Lappeenranta University of Technology I have been working with 3D point clouds, including the use of Delaunay triangulation routine to compute certain features of those points (Betti numbers). My master thesis can be found at <http://www.doria.fi/handle/10024/42533>.

Later on I have earned experience in image processing and camera/projector calibration with the help of Matlab and C++ libraries. Recently I have created a set of Matlab functions and routines for calculating shadow areas using geographical elevation data.

Thus I can say that my experience with Matlab is rather broad. I enjoy coding and am always trying to produce the most clean, optimized and reusable code. Obviously, the learning process never ends and I am eager to develop my skills specifically for the optimization solutions in the energy systems and continue with such an experienced and respected company as Fortum.

I hope to have my sleeves rolled up and start hands-on work with the System Optimization team.

I thank you in advance for your consideration.

Sincerely,  
Ivan Martynov