# Cover Letter

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I am Valdimar, currently working at the Housing and Construction Authority of Iceland. I have a background in Data Engineering, Programming and Data Science. I graduated from the University of St Andrews with a MSc. in Data-Intensive Analysis, achieving the highest grade classification possible. Additionally I hold a BSc. degree in Economics from the University of Iceland.

At my current role, I primarily focus on developing and maintaining statistical models for predicting property prices in Iceland. In addition to that, I conduct data analysis for economical reports. The main tools I use are R, SQL and Python to manipulate data, develop statistical models and generate plots that provide insights into the current status of the housing market in Iceland.

At Maven I worked as a consultant with a focus on Data Engineering, working on end-to-end data warehouse management using Azure. I created ETL pipelines, usually fetching data from APIs and storing them in SQL databases. I was also involved in integrating the data warehouse with git and creating CI/CD pipelines.

At Genuity Science I worked as a Data Scientist. My main task was identifying causal relationships between genotypes and phenotypes using cutting edge statistical and machine learning algorithms. I also assisted researchers with data cleaning and visualization using tools such as R and Python. In addition to my technical responsibilities, I also regularly performed demos of my work for my non-technical coworkers communicating the implications of my analyses.

I am passionate for data and possess excellent skills in R, Python, SQL and Nextflow. My expertise include programming, data manipulation, statistical modelling and machine learning. I am experienced in using packages in R and Python such as dplyr, ggplot2, tidyr, mgcv, pandas, matplotlib, scikit-learn, keras and tensorflow. Additionally, I am a proficient programmer, I regularly use programming languages such as JavaScript and Dart for websites and app development.

Currently, I am living in Denmark as my partner is studying for a MSc degree at the University of Copenhagen. During my career I have acquired a diverse experience in multiple fields, becoming a key member at every company I worked for. I believe my background combined with my diverse skill-set makes me an excellent addition to your team. I am a solution-oriented individual who works hard and is not afraid to tackle difficult problems. I excel at working with numbers and data and am always eager to learn from others.

For examples of work that I have done you can take a look at my portfolio https://vthr2.github.io/ferilskra/. Feel free to contact me at any time if you want to get to know me better at (+354) 693-4456 or valdiragnars@gmail.com.

Best Regards,
Valdimar Thor Ragnarsson