

Cover Letter

I am Valdimar, currently working as a Data Scientist at Genuity Science. I have a background in Economics, Statistics and Data Science. I graduated from the University of Iceland in 2019 with a BSc. in Economics and in 2020 from the University of St Andrews with a MSc in Data-Intensive Analysis, achieving the highest grade classification possible.

At Maven my focus is on Data Engineering, working on end-to-end data warehouse management using Azure. I create ETL pipelines, usually fetching data from APIs and storing them in SQL databases. I am also involved in integrating the data warehouse with git and creating CI/CD pipelines which simplifies the deployment process and collaboration. Recently I have been getting more involved in creating interactive dashboards for visualising data using Power BI.

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

I have a passion for data. The tools I mainly use are R, Python, SQL and Nextflow. I have excellent skills in R and Python in data manipulation, data visualization, statistical modelling and machine learning. I have experience using packages in R and Python such as dplyr, ggplot2, tidyr, mgcv, pandas, matplotlib, scikit-learn, keras and tensorflow. I am also an adept programmer, I regularly use the programming language Nextflow during my work and JavaScript or Flutter for creating websites and apps.

My background combined with my diverse skill set in data science, data engineering and programming makes me an excellent fit for this job. I am a solution oriented individual who works hard and is not afraid to tackle difficult problems. I love to learn new things and keep up to date with the latest technological trends. 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 know more at (+354) 693-4456 or valdiragnars@gmail.com.

Best Regards,
Valdimar Thor Ragnarsson