

Signý Kristín Sigurjónsdóttir

PhD student · University of Iceland

signy@signykristin.is signykristin.is github.com/signyk orcid.org/0009-0000-1970-2633 linkedin.com/in/signy-kristin

Education

PhD in Industrial Engineering

University of Iceland, Reykjavík, Iceland

2024 – present

M.Sc.Eng in Mathematical Modelling and Computation

Technical University of Denmark (DTU), Lyngby, Denmark

2022 – 2024

B.Sc. in Computer Science

University of Iceland, Reykjavík, Iceland

2018 – 2022

B.Sc. in Applied Mathematics

University of Iceland, Reykjavík, Iceland

2018 – 2021

Experience

Research Assistant

University of Iceland, Reykjavík, Iceland

January 2024 – July 2024

- Developed a simulation model for product development processes. Python
- Text and graph analysis of a collection of PhD theses. Python.

Data Analyst and Programmer

Heilsugreind ehf., Reykjavík, Iceland

August 2020 – December 2023

- Projects in collaboration with the National University Hospital of Iceland
- Data processing and analysis, data visualization, optimization and simulation modeling, web app development. Python, R, SQL.

Data Analyst and Programmer

The Science Institute of the University of Iceland, The Icelandic Centre for Research (Rannís), Reykjavík, Iceland

May 2020 – August 2020

- Developed a simulation model for the flow of Covid 19 patients in the National University Hospital of Iceland
- Developed a dashboard for the hospital to access the simulation results and visualize the data. R (Shiny).

Teaching

Sessional Lecturer, Operations Research 2

University of Iceland

Fall 2025

Sessional Lecturer, Simulation

University of Iceland

Spring 2025

Awards

The Innovation Award of the President of Iceland

Awarded for the project "Better ICU care with data visualization", through the Icelandic Student Innovation Fund.

2022

Projects

Slóði

Open-source platform for scouting program planning. Helps leaders and scout groups create, share and manage activities.

slodi.is

Landnáma

Track which of the Travelers' Century Club 330 territories you've visited. Compete with friends on shared leaderboards.

landnama.is

Málsháttur

malshattur.is

An Iceland Easter tradition says that everyone should get a proverb on Easter. This simple website allows people that don't buy a chocolate Easter egg to still get a proverb and share it.