



Franz Ísak Ingólfsson

Computer Scientist

CONTACT

+354 857 8090

franzisak99@gmail.com

EDUCATION

Computer Science

Reykjavík University

2023 - 2026

Foundation year

Reykjavík University

2022 - 2023

Self taught Polish

Various Books

2019 - 2021

English

Twin English School - London

2017-2018

SKILLS

- Claude Code

- Running parallel agents and using various optimizations to improve quality and reduce token usage.

- Proxmox Virtualization

- Setting up VMs, containers and monitoring for hypervisors, Windows Servers and Linux machines (debian based + Fedora).

- Creating and maintaining servers.

- 3D Modelling for 3D printing.

- PHP: Developing plugins and themes for CMS

- Python

- Machine Learning (sklearn, numpy etc.)
- Excel data manipulation (openpyxl)
- Game development (Pygame)
- Scraping (Beautiful Soup, Selenium)

- Javascript: Web dev + Scraping

WORK EXPERIENCE

Igloo - Internship

2026

At Igloo I built ML pipeline to estimate rental prices across Iceland, improving prediction accuracy ($R^2 \sim 0.70$)

Frostbyte Cybersecurity Lab - Assistant Researcher

2024 - 2026

At Frostbyte, I mainly worked on:

- Setting up and maintaining multiple Proxmox hypervisor servers
- Automating Windows Server environments and internal infrastructure
- Monitoring infrastructure using Prometheus and Grafana
- Founding the Frostbyte Cybersecurity Club at Reykjavík University

Kredo Creative Co-Founder & Co-Owner

2020 - 2026

Co-Founder & Co-Owner – Kredo Creative

- Co-founded a small software development company delivering custom solutions to businesses and institutions
- Managed client communication and developed software tailored to client needs
- Delivered projects end-to-end, from requirements gathering to deployment

PERSONAL PROJECTS

CS BSc Final Project at RU - In collaboration with ETH Zürich

2026

Estimating the effects wind farms have on real estate in England and Wales. Working with different methods such as Two-Way fixed effects and other difference-in-difference variations. In this research project, we are investigating different turbine effects such as the proximity, visibility, noise pollution and shadow flickering (shadow cast from turbine blades onto residential properties).

AI Literacy

2022 - Ongoing

I am an early adopter of LLMs, starting with the Davinci in 2022 before ChatGPT came out. Now I'm exploring different agentic frameworks in order to increase productivity, decrease token usage and improve output quality to minimize time it takes to review code. I'm most experienced in claude code, although I have some experience in CodeX.

Proxmox Homelab Setup

2024 - Ongoing

I created a Proxmox homelab with various services which helped me understand in more detail how hypervisors work and what needs to be taken care of to maintain a similar setup. What I have set up so far is:

1. Plex server
2. A VM with GPU passthrough to run small LLM models locally
3. Internal monitoring with prometheus + grafana
4. Documentation using MkDocs and automation pipeline to update on save
5. Running an OpenClaw instance

Self taught Polish

2019-2021

I managed to get to an upper B1/lower B2 level in Polish using language learning techniques like the spaced-repetition-schedule (SRS), Talk based learning and immersion technique. I completed three Polish placement tests at Kvennó.

Vignir Hreinsson

Kredo Client

Phone: +354 698 6620

Email: vignir1980@gmail.com

Sindri Snær

Igloo - Software Developer

Phone: +354 662 2107

Email: sindri@myigloo.is

Dr. Jacky Mallet

Frostbyte - Director

Phone: +354 693 2144

Email: jacky@frostbyte.is