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Programming
Python ★★★★★
Javascript ★★★★★
C# ★★★★★
Java ★★★★☆
Bash ★★★★☆
C/C++ ★★★★☆
HTML/CSS ★★★☆☆

OS Preference
Linux ★★★★★
Windows ★★★★☆
MacOS ★★★☆☆

Languages
Icelandic ★★★★★
English ★★★★★

Experience

12/20 - current	**Teacher's assistant for Computer Security**	Reykjavik University

Developed intentionally vulnerable machines for student assigments. Additionally served as sysadmin for a powerful department server.

05/19 - current	**M.Sc. Computer Science Reykjavik University**	Funded M.Sc at

Reykjavik University in cooperation with Nox Medical

Developed automatic breath segmentation algorithm and trained classifiers to detect obstructive apnea during sleep using PyTorch in Python

05/16 - current	**Webprogrammer**	Hvittbros.is

Currently hosting and maintaining multiple websites built in React & Node.js

08/17 - 12/20	**Teacher's assistant for Computer networks**	Reykjavik University

Developed TCP/UDP servers for student assigments in C++ & designed engaging projects, contributed to increased student participation.

Education

2018 - 2021	**Masters degree in Computer Science**	Reykjavik University
2013 - 2018	**Bachelor's Degree in Computer Science**	Reykjavik University
2009 - 2013	**Student in natural science**	Menntaskolinn v. Sund

Personal Projects

I maintain a Linux server machine that amongst other things, hosts personal website, allows Jupyter access to machine learning projects, hosts a DNS server, and uses Jenkins as an automatic pipeline build tool for the various projects.

I used NodeJS, C++, MQTT and SQL to build an internet-accessible temperature monitor with future temperature predictions for one of my projects that required temperature monitoring.

As a teacher's assistant in computer networks, I designed interesting and involved projects in C++ for students, and built & managed the infrastructure they relied on to solve them, as well as contributed to higher overall student evaluations for the course.

Built an internet platform in React & .NET Core, featuring data display, user interactivity.

For a research methodology course, I deployed a honeypot server to catch would-be-attackers and analysed attack patterns using the cloud service DigitalOcean and commonly used honeypot server.