

Ólafur Siemsen Sigurðarson

✉ OlafurSiemsen@protonmail.com



Education

2016–2019 **Bachelor**, *University of Iceland*, Reykjavík - Iceland, *Physics*.

Experience

2014–2014 **Research technician**, *University of Iceland*, Reykjavík.

I set up a server to house GPUs for scientific computation in the field of skyrmionics. The server is being actively used for computational physics (as of 2021). I remain responsible for the server's continued maintenance and improvement.

2013–2018 **Teaching Assistant**, *University of Iceland*, Reykjavík.

I taught the lab portions of first year physics, focusing on effective data collection and analysis with an emphasis on keeping good lab notes. Syllabus included error propagation and assessment. I also taught the tutorials for the first semester of physics (mostly Newtonian mechanics).

Languages

Icelandic	Native
English	Advanced (116/120 TOEFL)
Danish	Moderate
German	Moderate
Swedish	Beginner

Knowledge Area

Coding/ Scripting	Matlab, FORTAN, Python (including PyROOT and numba)
Media	Excel, Word, Latex

About me

I have a deep thirst for knowledge in a wide range of subjects, from physics and mathematics to psychology, philosophy, cellular automata, artificial intelligence and linguistics. More recent interests lie in the intersection between physics and philosophy.

While I list proficiency only for those programming languages with which I have worked extensively, I have a deep understanding of underlying principles and have strong flexibility when picking up new languages. I have done some minor work in C, writing interfacing between CUDA and FORTRAN as well as sundry coursework.