

HJÖRTUR JÓNASSON

Based in *Sydney, Australia*
Phone on *+61 404 922 840*
Email at *hjorturjonasson@gmail.com*
Repo at *hjonasson@github.io*



*Computational scientist
and software developer*



Hi, I'm Hjörtur. I'm looking for an entry-level role where I can use my programming experience and hone my skills. I love hard challenges and ambitious goals.

Languages

PYTHON



OCTAVE & MATLAB



JAVASCRIPT



HTML & CSS



CLOJURE



Natural Languages

NATIVE

Icelandic

FLUENT

English

ADVANCED

Italian

INTERMEDIATE

Spanish

Education

September 2012 — December 2013
Thuwal, Saudi Arabia

Master of Science, Computational Geosciences
King Abdullah University of Science & Technology

Research area: microphysics and chemistry in the stratosphere

September 2009 — December 2012
Reykjavík, Iceland

Bachelor of Science, Chemical Engineering
University of Iceland

Thesis topic: the diffusion of an H-atom on a grain boundary of an aluminium crystal

Including a year-long exchange to Politecnico di Milano in Italy.

Work Experience

June 2014 - present
Sydney, Australia

Data scientist
Earthbyte, group of geophysics
University of Sydney

Application of machine learning to geophysical problems

September 2012 — December 2013
Thuwal, Saudi Arabia

Software development research assistant
Department of Atmospheric Science,
King Abdullah University of Science & Technology

Improvement and generalization of computational models for better performance and applicability.

May 2011 — August 2011
Reykjavík, Iceland

Computational modeling research assistant
Department of Theoretical Chemistry,
University of Iceland

Design of data processing software which aided in the writing and publishing of scientific papers.