

Hafsteinn Einarsson

Curriculum Vitae

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CURRENT POSITIONS

2020–present **Associate Professor in Computer Science**, University of Iceland, Iceland
2021–present **Research Scientist**, deCODE genetics, Iceland

PREVIOUS POSITIONS

2024–present **Co-founder**, KatlaCode, Iceland
2019–2023 **Co-founder**, Prescriby, Iceland
2018–2020 **Data Scientist**, Íslandsbanki, Iceland
2017–2018 **Postdoctoral Researcher**, Institute of Neuroinformatics, ETH Zurich, Switzerland

EDUCATION

2017 **PhD in Computer Science**, ETH Zurich, Switzerland
2013 **MSc in Computer Science**, ETH Zurich, Switzerland
2011 **BSc in Mathematics**, University of Iceland, Iceland

SELECTED PUBLICATIONS

Full list at haffi112.github.io/publications/. In NLP/ML venues, last author denotes the senior position.

- 2025 Simonsen, A., Nielsen, D. S., **Einarsson, H.** (2025). **FoQA: A Faroese question-answering dataset**. *Proceedings of the third workshop on resources and representations for under-resourced languages and domains (RESOURCEFUL-2025)*.
- 2024 **Einarsson, H.**, Lund, S. H., Jónsdóttir, A. H. (2024). **Application of ChatGPT for automated problem reframing across academic domains**. *Computers and Education: Artificial Intelligence*.
- 2024 Einarsson, G., Thorleifsson, G., Steinthorsdóttir, V., Zink, F., Helgason, H., Olafsdóttir, T., Rognvaldsson, S., Tragante, V., Ulfarsson, M. O., Sveinbjornsson, G., others (2024). **Sequence variants associated with BMI affect disease risk through BMI itself**. *Nature Communications*.
- 2024 Friðriksdóttir, S. R., **Einarsson, H.** (2024). **Gendered grammar or ingrained bias? exploring gender bias in Icelandic language models**. *Proceedings of the 2024 joint international conference on computational linguistics, language resources and evaluation (LREC-COLING 2024)*.
- 2024 Hauksson, H. O., **Einarsson, H.** (2024). **Applications of BERT models towards automation of clinical coding in Icelandic**. *Findings of the association for computational linguistics: NAACL 2024*.
- 2023 Sigurðardóttir, A. R., Sverrisson, Þ., Jónsdóttir, A., Gudjonsdóttir, M., Elvarsson, B. Þ., **Einarsson, H.** (2023). **Otolith age determination with a simple computer vision based few-shot learning method**. *Ecological Informatics*.
- 2022 Snæbjarnarson, V., Símonarson, H. B., Ragnarsson, P. O., Ingólfssdóttir, S. L., Jónsson, H., Þorsteinsson, V., **Einarsson, H.** (2022). **A warm start and a clean crawled corpus—a recipe for good language models**. *Proceedings of the thirteenth language resources and evaluation conference*.
- 2019 **Einarsson, H.**, Lengler, J., Mousset, F., Panagiotou, K., Steger, A. (2019). **Bootstrap percolation with inhibition**. *Random Structures & Algorithms*.

AWARDS AND GRANTS

- 2026 **Vísindi og velferð** — Grant for developing an app for science literacy, 700k ISK
2026 **Microsoft Lingua** — Grant for developing LLM red-teaming datasets for Icelandic (Microsoft), 50k USD
2024 **Science Award, University of Iceland** — Best overall science work and best in health science (for ICD-10 coding using Icelandic BERT models)

2023–present	TrustLLM — EU-funded project on language models for Germanic languages (Horizon Europe)
2022	Neologism platform for Icelandic (University of Iceland), 4M ISK
2021	Incentive Award, University of Iceland — For QA models for Icelandic (supervised student project)
2020–2021	Sproti and Vöxtur — Awarded to Prescriby for digital product development (Icelandic Centre for Research (Rannís)), 90M ISK total
2020	Digital literacy course development (University of Iceland), 3M ISK
2017	Early Postdoc Mobility Fellowship (declined) (Swiss National Science Foundation)
2010	Summer Undergraduate Research Fellowship (SURF) (California Institute of Technology)

SUPERVISION

PhD students (main supervisor): Annika Simonsen, Joao Rodrigo Da Silva Martins, Steinunn Rut Friðriksdóttir

PhD committee: Amir Hamedpour, Andrea Raket Sigurðardóttir, Bjarki Ármannsson, Isidora Glisic, Pétur Helgi Einarsson, Sindri Emmanúel Antonsson, Þór Sverrisson

Master's theses completed: 10 since 2017, currently supervising 2.

TEACHING

The AI Lifecycle, Introduction to Deep Learning, Large Language Models in an Icelandic Context, Natural Language Processing (Business Intelligence module), Analysis of Algorithms, Computers, Operating Systems and Digital Literacy, Discrete Mathematics for Computer Science. Roughly 300+ students per academic year across these courses.

SERVICE

Recent reviewing: ACL Rolling Review, Animals, Sensors, Applied Sciences, LREC workshops.

2020–present **President**, Association of Computer Scientists in Iceland

2019–2020 **Committee member**, SKÝ committee on data applications

2013–2016 **Board member, vice-president, president**, VMI (Association of scientific staff, CS Department, ETH Zurich)