

Guðmundur Freyr Ellertsson

Programmer with a strong mathematical base and interest in machine learning



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EXPERIENCE

Danske Bank, Student Assistant Web Developer

February 2024 - Now, Denmark

Working on frontend development in the core finance platform tribe at Danske Bank alongside school.

Kóði, Software Developer

March 2022 - August 2023, Iceland

Developed Icelandic NLP technology to classify economic statements. Worked with AWS, augmented Kóði's Icelandic search engine, maintained Keldan app and developed a new real-time stock market client for the Scandinavian market in Typescript.

Härte- Und Oberflächentechnik, Software Developer

July 2021 - January 2022, Germany

During my internship at H.O.T. I maintained and enhanced the management software written in Typescript, used in H.O.T.'s heat processing factories.

Other

Worked on a contract to develop NLP technology over the summer for Kóði 2024. Researcher at Reykjavík University for a summer project 2021, assistant teacher at Reykjavík University 2020-2021, programmer at Skákgreind 2020, general IT support for Samskip 2019-2020, park maintenance for Landsvirkjun 2016-2018 and kindergarten caretaker at Norðurberg 2014-2015

EDUCATION

University of Copenhagen, Master's degree in computer science

September 2023 - Now, Denmark

Currently doing my master's studies in computer science with an emphasis on machine learning and natural language processing. This semester I'm a guest student at ITU doing NLP courses there.

Reykjavik University, Bachelor's degree in discrete mathematics

August 2019 - June 2022, Iceland

The discrete mathematics program is an interdisciplinary program that joins mathematics and computer science.

Other

Reykjavík Junior College Iceland, August 2016 - June 2019, graduated from a study line focused on physics and mathematics.

PERSONALITY

Curious with critical thinking skills, creative problem solver, love good communications and effective teamwork.

PROGRAMMING EXPERIENCE

Very experienced in Python and Typescript. Good experience in Javascript, SQL, C++, Haskell, Erlang and AWS development. Good knowledge of Linux and Windows.

AWARDS

Reykjavik University's dean's list 2020. As a general rule, the top 2% of students who achieve the best results in each examination period are on the Dean's List.

Ninth place in the national college mathematical competition in Iceland 2019. Eighth place in the national college physics competition in Iceland 2019. Second place in the programming competition of the Icelandic industry 2018.

LANGUAGES

Native language is Icelandic. Fluent in English. Basic understanding in German and Danish.

INTERESTS

I'm very interested in the financial sector and machine learning technology.

But generally just curious about life. I think for me what I love the most is having good talks with interesting people and exploring the world. I started practicing kickboxing this year and now martial arts are a big part of my life, but I also just love physical activity. I also play chess and dabble in other logical puzzles and I often do programming for my hobby projects.