Breki Pálsson

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Languages
Icelandic: Native,
English: Advanced,
French: Intermediate,
Danish: Pre-intermediate

Programing
Python, C++ , C, R, Java

Profile

A diligent, ambitious and creative person eager to gain further experience. Enjoys working on challenging problems while focusing on solving the tasks quickly and efficiently. Capable of working independently but prefers working with passionate and interesting people. With a strong academic background along with experience working on innovative projects.

Education

2022 - 2023	**Sorbonne Université** M2. Mathématiques fondamentales	
2021 - 2022	**Sorbonne Université** M1. Mathématiques et applications	Mention Bien
2018 - 2021	**University of Iceland** B.Sc. Mathematics	First class with distinction
2019	**McGill University** Exchange Program	
2014 - 2018	**Menntaskólinn í Reykjavík** Junior college	

Previous Employment

2021	**Landsbankinn** Market risk management	Internship
2020	**StudyHax** Creating mathematics material for Junior college	Creating educational content
2020	**Genki Instruments** Developing gesture recognition software using machine learning	Software development
2020	**University of Iceland** Assistant Teacher for mathematical analysis 2	Teaching
2019	**Jafna** Developing peer to peer lending software	Software development
2017-2018	**Eimskip** Design of algorithms for calculating shipping prices	Software development
2017 - 2020	**Tutoring Mathematics** Private tutoring	Teaching

Projects

2021	**Symplectic varieties** Advisor: Valentina Giangreco M Puletti,PDF in icelandic
2022	**The Hasse-Minkowski Theorem** Advisor: Antoine Ducros, PDF
2023	**Modular Forms and Congruences.** A presentation for a Mathematical Seminar in Farum. PDF

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Conferences and mini courses

2022

Aix-Marselle — Master class
Topology and algebra : knots, algebraic curves and singularities

Eötvös Loránd University — Summer School
Summer school in number theory

EPFL — Seminar
Number Theory Days

Notable Achievements

2017, 2018

International Mathematical Olympiad — Contestant
One of Iceland's 6 representatives
Results

2019

Reboot Hackathon — Contestant
First place
Lighting up Reykjavik

2015-2018

Various competitions — Contestant

Icelandic National Mathematics Contest
2016, 2017 (6th and 2rd)

BOXIÐ - innovation and construction competition
2016 (3rd)

Nordic Mathematical Contest
2018, 2017, 2016

Icelandic National Physics Contest
2017, 2018 (18th and 12th)

Junior College Programming competition
2018