

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 <u>M2. Mathématiques fondamentales</u>	
2021 - 2022	Sorbonne Université <u>M1. Mathématiques et applications</u>	Mention Bien
2018 - 2021	University of Iceland <u>B.Sc. Mathematics</u>	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

Conferences and mini courses

2022	Aix-Marseille	Master class
	<u>Topology and algebra : knots, algebraic curves and singularities</u>	
	Eötvös Loránd University	Summer School
	<u>Summer school in number theory</u>	
	EPFL	Seminar
	<u>Number Theory Days</u>	

Notable Achievements

2017, 2018	International Mathematical Olympiad	Contestant
	One of Iceland's 6 representatives <u>Results</u>	
2019	Reboot Hackathon	Contestant
	First place <u>Lighting up Reykjavik</u>	
2015-2018	Various competitions	Contestant
	<i>Icelandic National Mathematics Contest</i>	
	2016, 2017 (<u>6th</u> and <u>2nd</u>)	
	<i>BOXID - innovation and construction competition</i>	
	2016 (3rd)	
	<u>Nordic Mathematical Contest</u>	
	2018, 2017, 2016	
	<i>Icelandic National Physics Contest</i>	
	2017, 2018 (18th and 12th)	
	<i>Junior College Programming competition</i>	
	2018	