Nathan Hugh Barr

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Nathan Hugh Barr
Fra data til indsigt.

Professional Profile

- Database Knowledge - SQL
- Mathematical Modelling
    - Differential equations
    - Partial differential equations
    - Dynamical Systems
- Programming Skills - Python
- Statistical Analysis

- Data Visualisation
- Self-driven
- Team Player
- Organisation and planning skills
- Problem Solver
- Great communication skills

Experience

2020 - present : Birkerød Gymnasium - Mathematics Teacher
Projects:

- Robots in the classroom – learning subject matter in STEM subjects through the programming of robots.
- Implementing of Machine learning and AI in STEM subjects

September 2016 and September 2017, *Teachers Assistant-RUC*, Data processing and Statistics.

- Teaching - basic programming, scripting and functions.
- Teaching - Introduction statistics in natural science.

January 2015 - December 2018, *Private tutor*, My academy.

October 2015 - December 2018, *Science Show Representative*, Roskilde University.

Education

2016 - 2019, Roskilde University
Master of Science in Physics and Mathematics

2013 - 2016, Roskilde Universitet
Bachelor of Natural Science in Physics and Mathematics

Technical skills

Programming and systems
- R
- Python
- Matlab

Computer Software
- Linux
- LateX
- Microsoft Office

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Language

Danish
- Professional(Reading,Speaking) - Intermediate(Writing)

English
- Mothertounge

Interests

Professional
Programming, Machine Learning, Robots, Education, Computional Physics, Experimental Physics: SAXS, GISAS and Dynamic light scattering

Personal
I am both an Australian and Danish citizen and I have lived in Danmark for 12 years. My hobbies are running, bikepacking and playing bass guitar. A big part of my summer is volunteering at Roskilde festival building the Pavilion stage and the Pavilion area. When winter rolls around i enjoy skiing.