

# Malthe Have Musaeus

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## WORK EXPERIENCE

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### Musaeus.dk

July 2021 - Present

*Self-employed*

*Remote*

- Focusing on web development projects with a sprinkle of data science where possible.
- Built products including:
  - My portfolio of [mobile apps](#) written in React Native
  - An [e-commerce site](#) written in React Remix + Shopify Hydrogen
  - Websites for various therapy clinics, including [Center for Relationsbehandling](#), [Psykolog Liv Nautrup](#), [Psykolog Katrine Rydahl](#) written in Next.js and Wordpress.

### Neuroscience Research Australia & University of New South Wales

Dec. 2023 - Feb. 2024

*Research Assistant*

*Sydney, Australia*

- Neuroscience Research Australia is a not-for-profit, medical research institute. University of New South Wales is the 19th globally ranked university (QS World University Rankings, 2024)
- I served as a research assistant under Dr. Rodrigo Rizzo and Professor Batista, focusing on developing a semantic search pipeline for academic content on back pain.
- I fine-tuned neural networks for natural language processing tasks, aligning with my interest in efficient neural networks.

## EDUCATION

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### University of New South Wales

Sep. 2023 - Dec. 2023

*Advanced Machine Learning, Study abroad*

*Sydney, NSW, Australia*

- **GPA: 4.0/4.0**; Served as a research assistant under Professor Batista in Advanced Machine Learning. Volunteered in the student driven Young Entrepreneurs Program while studying at UNSW.

### IT University of Copenhagen

Sep. 2021 - June 2024

*Bachelor of Science in Data Science*

*Copenhagen, Denmark*

- **GPA: 10.70/12** on Danish grading scale; wrote thesis on optimizing language models by iteratively distilling knowledge from transformer blocks into new compact blocks; presented thesis at COLING 2025 and [published to proceedings](#).

### Aarhus Business College (HHX)

Aug. 2018 - June 2021

*High School*

*Aarhus, Denmark*

- **GPA: 11.60/12** on Danish grading scale.

## ACTIVITIES, SKILLS & INTERESTS

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- **Academic & Professional Activities:** Served as reviewer for ACL ARR; Main author of [paper](#) at COLING 2025; Co-authored [paper](#) published in the Scandinavian journal "Learning & Media"; Volunteered as Student Mentor at [Young Entrepreneurs Program](#) (YEP!)
- **Skills:** Speak programming languages fluently; Danish; English; German; Entrepreneurial by heart
- **Interests:** Running; Swimming; Playing the bass-guitar; Moving to new countries