

Emma Amnemyr



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I am a recent master's graduate that specialized in machine learning with a foundation in electrical engineering. I have consistently excelled in challenging academic environments, maintaining high grades throughout my educational journey, which reflects my strong aptitude for problem-solving, critical thinking, and analytical skills. I love learning, so I will quickly acquire the knowledge needed in new areas. If you notice a gap after my degree, it's because I just got home from taking a year to travel before starting my career.

Education

- 2019 – 2024  **M.Sc. Electrical Engineering** | Lund University
The first three years covered a broad spectrum of electrical engineering, such as electronics, telecommunication, and energy systems. The last two years, I have spent specializing in *Machine Learning and Images*. It provided a solid foundation in machine learning and valuable insights in other important key areas of AI, such as language technology, Bayesian optimization and reinforcement learning.
- 2022  **Exchange semester** | The University of British Colombia
One course I took was *Machine Learning and Data mining* where we got a strong theoretical foundation behind a lot of models as well as implemented them from scratch.





Employment History

- 2024  **Master's Thesis** | RISE
I researched the topic of annotation efficiency using Active Learning techniques for object detection of Coffee Berry Disease (CBD).
- 2023  **Software Engineer intern** | Accenture
I joined in on a project for a retail client which included working with their cloud platform and IaC.
- 2022 – 2023  **Student Guide** | Vattenhallen Science Center
I was responsible for increasing peoples interest to take part of science and technology by doing guided tours for school classes and the public through exhibitions and experiments.
- 2021  **Assembler** | ABB
Me and my team was in charge of assembling fuse-switch-disconnecters, and by optimizing our approach we managed to establish a **new record** for most assembled during a day.
- 2020  **Supplemental Instruction leader** | Lund University
I was responsible for helping new students learn one dimensional analysis through SI-classes, which included **planning** the content of the class and **leading** discussions.

Skills

Python Java PyTorch SQL Microsoft Azure Julia Matlab SystemVerilog

Miscellaneous Experience

- 2021  **Accountant** for the student association ELEKTRA
- 2020  **Treasurer** for ELEKTRA
- 2017  **Scholarship** in mathematics
- 2016  **Scholarship** in mathematics