Jonathan Erikson

076-117 9022 • contact@jonathanerikson.com • LinkedIn Profile
www.jonathanerikson.com

Profile Summary

Recent Master of Science in Computer Engineering graduate from KTH Royal Institute of Technology with several years of .NET development experience. Strong foundation in software engineering principles, with a special interest in Data Science and Machine Learning.

I am actively seeking opportunities where I can apply what I've learned and make a positive impact, while also building on my skills and expanding my expertise.

Education

Master of Science in Computer Engineering (Civilingenjör Datateknik)
KTH Royal Institute of Technology 2019 - 2024

- **Bachelor of Science in Engineering - Computer Engineering** 2019 - 2022
  Theoretical courses such as maths, operating systems, and algorithms, along with practical courses in software development.
- **Master of Science, Computer Science - Data Science and Machine Learning** 2022 - 2024
  Theoretical and practical courses in the mathematical foundation and application of machine learning models.

Work Experience

System Developer
Statistics Sweden / Statistiska Centralbyrån (SCB) 2021 - 2023

Backend .NET developer position. Worked in a team where I developed new features for different .NET web applications. Included work with Rest APIs and version handling with git.

Operator
Octapharma 2020

Responsible for managing the logistics of incoming goods, including unloading, inspection, and safe storage of materials for pharmaceutical production. Operated forklifts to efficiently transport goods within the facility, ensuring compliance with strict safety and handling standards.

Skills

- **Languages:** Swedish (native), English (fluent)
- **Programming Languages:** C# / .NET, Python, Javascript / React.
- **Technologies:** Machine Learning, Databases, APIs, git, SQL, ...

Projects

- **Personal Portfolio:** Built from scratch in React. ww.jonathanerikson.com.
- **Master's thesis: Football shot detection using convolutional neural networks**
  Together with Football Analytics Sweden I researched convolutional neural networks and their ability to detects shots in football video data. The work was done in Python using the latest computer vision technologies, such as pre-trained 3D CNNs.