

Fredrik ELLEFSEN MONSØY



PROFILE SUMMARY

I have been interested in programming for a long time and I usually always have a hobby project or three going on at most times. I find the most joy programming tools in C without the use of libraries, mainly to learn more about how things work at a lower level. I spend a lot of free time learning new languages and frameworks, and I feel that I've learned how to learn new technologies pretty quickly.

CONTACT DETAILS

@ monsoyen@gmail.com

PERSONAL INFORMATION

Year of birth: **1997**

Citizenship: **Norwegian**

Languages: **Norwegian, English**

SKILLS

- .NET, C#, Blazor, EntityFramework
- C, Java, Scala, Spark, Dart/Flutter, Golang
- Python, SKLearn, TensorFlow, Matplotlib, Pandas
- SQL Server, MongoDB, Cassandra, Neo4j
- Github & Azure DevOps CI/CD
- Docker and Docker Compose
- Bash scripting

EXPERIENCE

MACHINE OPERATOR at GLOMMAPAPP

2018.01–2022.08

BACHELOR IN COMPUTER SCIENCE
at Østfold University College

2022.08–2025.06

Relevant courses Parallel and Distributed Programming, Machine Learning, Algorithms and Data Structures, Databases, Operating Systems, Object Oriented Programming, Image Analysis, Big Data, .NET and Frameworks

PROJECTS

Barklog

◇ Cross-Platform mobile app for dog breeders. The app makes it simple for dog breeders to follow their dogs development over time through graph visualization. The app was made with Flutter, Go and PostgreSQL. The project was nominated for BEST INNOVATION and nominated for LAURBÆRBLADET for best bachelor project in 2025.

AlexNet + SVM

◇ Built a CNN-based feature extractor in TensorFlow and used the extracted features to train an SVM for image classification. The model was applied to classify Zalando clothing images into categories such as shoes, shirts, and coats.

CryptoTrader

◇ A .NET project made with .NET 7 and the Blazor Framework. The website supported adding money to the user wallet. The user could use their funds to buy crypto tokens with real-time updated pricing. The app used a public crypto API to get real data, but the app only simulated purchases with "fake" fiat currency.

Git Remote Opener

◇ A simple CLI tool that opens the remote URL of the Git repository in the user's current working directory.

C-Weather

◇ A CLI application that fetches real-time and forecasted weather data from the Meteorologisk institutt API. Developed entirely in C without external libraries like `libcurl`, using raw TLS sockets to make HTTPS requests manually. I made the project to explore C programming deeper and to get a better understanding of low level web programming.

EDUCATION

BACHELOR IN COMPUTER SCIENCE w/ MACHINE LEARNING
SPECIALIZATION from Østfold University College.

2022–2025

CERTIFICATIONS

◇ MANY DIFFERENT COURSES FROM UDEMY AND CODEWITHMOSH

HOBBIES

Playing Video Games, Watching Movies/TV shows and Programming