TOKE MEYER

Bioinformatician

About Me

- Problem-solving
- Detail-oriented
- Ambitious
- Eager to learn
- Structured / well-organised
- Cooperative / team-oriented
- Critical Thinking

+4530457161

tokemeyer98@gmail.com

Gammavej 607, 5200 Odense V

Language

- Danish
- English

Expertise

- Data mining
- Machine learning
- Data-visualisation
- Single-cell multi-omics integration
- Cross-validation & benchmarking
- Reproducible bioinformatics pipelines
- High-throughput sequencing analytics
- Systems-biology modelling

Profile

Bioinformatician who transforms large-scale omics and clinical data into clear biological insights. I can design and maintain programming pipelines such as R and Python, combining rigorous data preparation, machine learning, statistical modelling, and intuitive visual reporting to support precision-medicine decisions. With proven mastery of the full analytics cycle — from feature selection and hyper-parameter optimisation to biological interpretation — I deliver well-documented code and manage projects with curiosity, strong organisation, and clear, engaging communication.

Education

University of Southern Denmark (SDU)
Computational Biomedicine - Master's Programme
2023-2025

- The master's programme bridges biochemistry & molecular biology with statistics and computer science to turn biomedical data into actionable insight.
- The curriculum focuses on introcudction to R and Python, statistical modelling, machine learning, data mining, systems biology and reproducible coding practices.
- Master's thesis title:
  "Prediction of Transcription-Factor Activity in Single Cells"
- For my master's thesis I built a reproducible R pipeline that integrates 69.085 human embryonic stem cell scRNA- / scATAC-seq profiles to predict and compare transcription-factor activity and gene regulatory networks between the computational tools IMAGE, chromVAR and scE2G.

University of Southern Denmark (SDU)
Biochemistry & Molecular Biology - Bachelor's Programme
2020-2023

- The bachelor's programme built a strong laboratory and theoretical foundation in protein chemistry, molecular genetics, cell biology and organic chemistry.

- Feature selection & hyper-parameter optimisation
- Elastic-net / regularised regression modelling
- Gene regulatory network inference
- Stem-cell differentiation analytics
- Transcription-factor motif activity profiling

Programming Skills

R Programming 100%

Python Programming 80%

Experience

Warehouse Worker · Lemvigh-Müller (via Temply)
2024

- Executed pick-and-pack operations with handheld scanners, operated on the Warehouse Management System (WMS), generating labels and shipping orders.
- Streamlined internal logistics—retrieving stock across zones, planning efficient pick routes and operating pallet trucks to deliver the goods for pick and pack.
- Gained end-to-end supply-chain insight and sharpened teamwork and clear-communication skills by adapting quickly to new procedures and supporting daily shutdown tasks.

PROJECT EMPLOYEE · BIOVICE SYSTEMS
2020

- Built and tested device prototypes while handling diverse ad-hoc assignments, demonstrating quick adaptation and solution-oriented thinking in a fast-moving R&D setting

Farm Hand · Former Heifer Hotel
2008-2011

- Carried out daily livestock care: feeding and watering heifers, mucking out stalls, and keeping barn areas clean and safe.
- Built a strong work ethic and sense of responsibility by meeting time-critical animal-care routines in all weather conditions.