

Nicoline Nymand-Andersen

SUMMARY

Energetic CS student, specialised in AI, eager to push boundaries of knowledge through innovative research, theoretical and practical expertise at distinguished university. Speak four languages with international exposure.

EDUCATION

TECHNICAL UNIVERSITY OF MUNICH | Double Degree in M.Sc. Computer Science

Sep 2022 – Dec 2024 | Munich, Germany

- **Relevant Courses:** Computer Vision, Cloud, Data Visualisation, Quantum Computing
- **Projects:** Generative Spacecraft Design, Machine Learning & Crowd Simulation

INSTITUT POLYTECHNIQUE DE PARIS | Double Degree in M.Sc. Data and AI

Sep 2023 – Dec 2024 | Paris, France

- **GPA:** 4.0
- **Relevant Courses:** Machine-, Deep- and Reinforcement Learning, NLP
- **Projects:** Defense against the Deepfake Arts, News Headline Generation

LUDWIG-MAXIMILIANS-UNIVERSITY | Student in B.Sc. Computer Science

Oct 2020 – Aug 2022 | Munich, Germany

- **GPA:** 3.4
- **Relevant Courses:** Algorithms, Complexity, Databases, Distributed Systems

UNIVERSITY OF COPENHAGEN | Degree in B.A. Communication and IT

Sep 2017 – Jun 2020 | Copenhagen, Denmark

- **Thesis Grade:** 12/12
- **Relevant Courses:** Analysis & Design of IT Infrastructure, Interaction Design

Exchange at University of California, San Diego

- **GPA:** 3.8
- **Relevant Courses:** Data Science, Calculus, Python, Making Policy with Data

EXPERIENCE

TÉLÉCOM PARIS | Research Internship in Machine Learning

Apr 2024 - Oct 2024 | Paris, France

- Improved complexity of Nearest Neighbour Chain Algorithm.
- Implemented scalable algorithm with on-the-fly distance computations for SciPy library.

PROCESSAND | Data Scientist

Nov 2020 - Dec 2022 | Munich, Germany

Data Pipelining & Automation

- Employed Celonis Process Mining Technology to create data pipelines for improved business processes and transparency.
- Configured extractions from on-prem / cloud services and assembled transformations using SQL. Optimised joins and restrictions.
- Developed complex data models and visualised analyses in the frontend.
- **Back- and Frontend Projects:** Purchase-to-Pay, Accounts Payable, Cash Discount.
- Developed and enhanced Python code in multiple automation projects.
- **Coding Projects:** Automation of frontend design and scheduling for extractions, transformations & datamodels, streamlined manual extraction process.

Consulting

- Agile project management and collaboration with clients.



EUROPEAN CENTRAL BANK | Intern in the Directorate General Information Systems

Jul 2018 | Frankfurt, Germany

- Initiated new information system prototyping by conducting user-research.

CONTACT DETAILS

niconymand@gmail.com
+49 176 6689 3024

 Github Repository
 LinkedIn Profile

SKILLS

PROGRAMMING

Proficient:

Python • Cython • SQL • R

Familiar:

c++ • Java • JavaScript,
CSS, HTML • LaTeX

LIBRARIES/Frameworks

PyTorch • Qiskit • Sklearn •
Tensorflow • LangChain •
dplyr • tidyverse

ANALYSIS/PLATFORMS

Tableau • Celonis • WEKA •
Github • Pinecone

LANGUAGES

Fluent:

English • German • Danish

Other:

French B2 • Spanish A1

SOFT-SKILLS

Proactive • Communication •
Critical Thinking •
Team-player • Quick-learner

VOLUNTEERING

Bureau des élèves IP Paris

Sep 2023 onw.

Student Cafe - Studenterhuset

Feb 2019 - Nov 2019

Mentor for international Students - QA Programme

Dec 2017 - Dec 2018

INTERESTS

Ballet • Contemporary dance
Cycling • Skiing • Philosophy
• Reading