Taheera Ahmed

 Bergsligata 3B, 7017 Trondheim, Norway

 +47 949 86 709 | taheera.ahmed@gmail.com | Taheera Ahmed | @taheeraahmed

Main Experience

Sep. 2024-present — **Data Scientist**, *Norwegian Institute of Nature Research (NINA) (full-time)*
- Norway's leading institution for applied ecological research, delivering knowledge and solutions across public and private sectors.
- Developing software and AI solutions for research teams. Technologies used: React TypeScript, PostgreSQL, Docker, Python, PyTorch, Linux.

Aug. 2023-Dec. 2023 — **Research Assistant**, *Norwegian University of Science and Technology (NTNU) (part-time)*
- Integrated insights on carbon footprint of large-scale algorithms into the curriculum of a course on recommender systems (course link). This involved exploring the power and computational requirements of machine learning models and their environmental impact.

Aug. 2022-Jun. 2024 — **Machine Learning Engineer**, *MazeMap (part-time, internship)*
- MazeMap is a company that creates indoor digital map-solutions for large campuses, such as universities, offices, and hospitals.
- Used deep learning and computer vision to generate maps more efficiently. Technologies used: Python, TensorFlow, PyTorch, Docker, Linux, MLflow, VertexAI.

Aug. 2019-Aug. 2023 — **Tech Lead and Fullstack dev**, *Photography Committee at Trondheim Student House (volunteer)*
- Team of ~5, created website (project link). Technologies used: React TypeScript, Kotlin, Docker, Microsoft Azure, PostgreSQL.

Jun. 2023-Aug. 2023 — **Software Engineer, Backend dev**, *Vipps (internship)*
- The largest mobile peer-to-peer payment service provider in Norway. Created backend API integration. Technologies used: GoLang, Kubernetes, Docker, Azure, Splunk.

Jun. 2022-Aug. 2022 — **Software Engineer, Backend dev**, *Netlight (internship)*
- Served as an IT Consultant and worked on database management and developed an API to enhance system integration and data accessibility, using technologies such as GoLang.

Sep. 2021-Sep. 2022 — **Software Engineer, Fullstack dev**, *Dreamknit (part-time)*
- Company that creates customizable knitting patterns using an in-house algorithm. Technologies used: React TypeScript, Django, Microsoft Azure.

Education

Jun. 2017- Jun. 2024 — **MSc. Computer Science**, *Norwegian University of Science and Technology (NTNU)*
- Thesis: AI in Radiology: Exploring Self-Supervised Learning and Explainable AI for Improving Chest X-Ray Interpretability (thesis link).
- Specialized in AI. Throughout masters, utilized Java, JavaScript, SQL, and C++. Learned general web-development and agile software development in teams.

Jun. 2020- Jun. 2023 — **BSc. Electrical Engineering**, *Norwegian University of Science and Technology (NTNU)*
- Thesis: Developed control unit and user interface of system for diabetes treatment with near infrared light (thesis link).
- Specialized in sensors and electrical systems - knowledge about circuit design, PCB design, hardware/low-level programming, and signal processing.

Other Experience

Aug. 2021- present — **Ambassador for Girls in Tech**
- (Aug. 2022 - Present) Ambassador for the organization "Girls and Technology", holding +30 keynotes to promote tech-education for ~3k younger girls in Norway.
- (Aug. 2021 - Aug. 2023) Featured in "vlog-series" created by NTNU in order to promote an education in technology for girls - reaching an audience of +100k (Jævli Flink Season 2).
- (Aug. 2021 - Aug. 2023) Content creator for @ntnustudent on Instagram with +28k followers.