Aleksander Vanberg Eriksen

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Education

08.22 - 06.24   **Høgskolen I Østfold, Master in Applied Computer science (4.08/5.0).**
- Major: Machine learning and Cyber-physical systems.

- Thesis: Create a preprocessing framework to work with three different network intrusion detection datasets, and then to be evaluated on seven different machine learning models.

- Skills: - Advanced machine learning knowledge: LSTM, RNN (weather prediction), Keras, TensorFlow

      - IoT devices for temperature: MQTT, Java

      - Adjust sensors for water flow: Applied Physics & mathematics, MATLAB simulation

      - Object detection with a robotic arm: Python

08.19 - 06.22   **Høgskolen I Østfold, Bachelor Degree in Informatics (3.0/5.0)**
- Bachelor profile: Design and development of IT-Systems.
- Major: Machine learning
- Thesis: AR-development of a game that mimics the Slenderman game
- Skills: - Object detection: Yolov5, Google collab framework
      - Image analysis: Edge detection, Applying filters – cv2 framework
      - AI Model training: Pandas, sklearn, numpy, matplotlib
      - App development: Android
      - Project development: Software development with unit testing - Java
      - Web development: Front end – HTML & CSS
      - Database development: - SQL

Professional Experience

12.24 - now   **Outlier, AI modell trainer**
 - Overview: Give an LLM model a prompt, and correct it based on possible errors regarding code or localization

 - Code generation, test reasoning, bug fixes, solution reasoning, Problem reflection, Code refactoring

- Acquired skills: **Python, Object oriented programming, error handling, bug fixes, GUI libraries, data storage**

08.22- 12.22   **Høgskolen I Østfold. Student assistant**
- Subject: Introduction to Operating Systems
- Acquired skills: **C, Bash, GitHub, Communication, Time management.**

01.24 - 05.24   **Høgskolen I Østfold. Student assistant**
- Subject: Parallel and distributed systems.
01.21 - 05.21   **Høgskolen I Østfold. Student assistant**
- Subject: Parallel and distributed systems.
- Responsibilities: Help students with the subject regarding mandatory assignments, as well as create solutions and grade the students. Manage communication server such as discord and GitHub.
- Acquired skills: **Java, GitHub, Parallel programming framework, Communication, Time management**

05.21 – 07.21   **Kalnes Sykehus**
- Summer job: Cleaning
05.20 – 07.20   **Kalnes Sykehus**
- Summer job: Cleaning
- Acquired skills: Teamwork, Prioritizing, Flexibility, Communication

Additional Information

Language: Norwegian (native), English (fluent).

Interests: Gaming, Skiing, Weight training, Cooking, Horror, Crime.

References: Will be provided upon request.