Calvin LLOREN MIKKELSEN

Software developer

PRACTICAL

Information

Calvin Lloren Mikkelsen
nationality: Denmark
08/06/1999
+45 40 78 80 40
Calvin@mikkelsen.nl
Aalborg 9000
Calvin Lloren Mikkelsen
Leaf1999

Areas of specialization

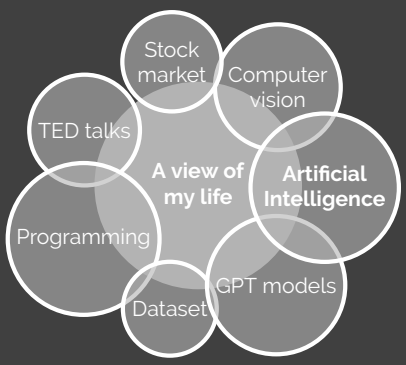
Machine Learning • Object-oriented programming • Human-computer interaction • Computer vision • User-centred design

SKILLS

Languages

Danish	C2	mother tongue
English	C2	
German	B1	

Interests



OS:

IT & programming related

- **Neural networks**
- **python**
- **PyTorch**
- **TenserFlow**
- **Git**
- **C#**
- **Linux**
- **LLM**

EXPERIENCE

2024 — **Fullstack Software Developer - AR-Simply Internship**
FULL-TIME · Aalborg
Created a computer vision solution for automatic notation of serial numbers on water pumps. This was accomplished by creating a custom dataset by annotating 2000 object-detected images. Overall the model had a 79% accuracy with a high precision of 88% on the validation dataset.

2023-2024 — **AI Software Developer - AR-Simply Internship**
FULL-TIME · Aalborg
Created a web application with react and Next.JS, with database. Login interface where users could upload files that was saved to AR-Simply use.

EDUCATION

2022-2024 — **Masters degree in Medialogy**
M.Sc · Aalborg university
Skills: Machine learning, Computer vision, sound classification, mobile application, Python, Dataset Desing, User-centred design, Human-computer interaction.

2019-2022 — **Bachelor degree in Medialogy**
B.Sc. · Aalborg university
Skills: Machine learning, Object-oriented programming, Git, Human-computer interaction, Audio Processing, Computer-vision, Computer graphics

PROJECTS

2024 — **Master thesis - Recreational walking: Choose your own adventure path:** An application that generates personalized custom routes for recreational walking in Aalborg Centrum, by choosing their own preferences such as parks, stores harbour, etc. Routes were generated by AI and trained by using own custom image classification dataset with 40000 images. The model showed an accuracy of 90%, and the generated routes had an increased user satisfaction compared to proposed routes of current navigation applications.

2022 — **Bachelor Project - AI-Generated Masks for Image Editing. (cooperation with Capture One) :** Created by using COCO dataset to detect and create masks in images, and apply filters/edits on selected masks. Results showed users appreciated an "easy to use" image editing tool, and hoped existing solutions had such a feature of detecting masks.

STRENGHTS

Honest · Team player · Structured · Hard Working · Postive Thinker

HOBBIES