Rasmus Klinkby Jørgensen

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About me

- I am a computer scientist from Aarhus University. I have a great passion for software engineering, especially Machine Learning and Deep Learning. I am primarily looking for positions in Machine Learning, Deep Learning, Data Mining, and Python Development.
  I am 24 years old, was born and raised in Viborg, Denmark, and have lived and studied in Aarhus for the last five years. I love sports and am particularly motivated by ambitious goals, I have for example completed a marathon and made more than a thousand continuous juggles with a football. I am certain that I can take this drive for achievement and apply it at your company.

PROJECTS

- **Bachelor's project: Optimizing ExpLearn: Interactive Explainable AI on GPU's** , GitHub, GitLab

  – This bachelor's report focuses on making the `ExpLearn` algorithm more scalable by re-implementing it from `scikit-learn` into `GPyTorch`. The new implementation is faster when run on test datasets.

- **Project Work in Computer Science 10 ECTS: Graph alignment of scene graphs**

  – In this project we propose concrete image alignment tasks, and on these tasks we evaluated three existing graph alignment algorithms, including PRASEMap, PARIS, and S-GWL. Our findings suggest that PRASEMap generally performs the best.

- **Masters's thesis: Predicting malaria parasite rates across Africa using deep learning with remote sensing data** , GitHub

  – In this master's thesis, we use convolutional neural networks to predict malaria parasite rates across sub-Saharan Africa. We experiment with data fusion, multitask models and transfer learning to name a few.

SKILLS

- **Languages**

  Python, Java, C++, JavaScript, R, Scala, OCaml, Go, C, SQL, Assembly

- **Libraries/Frameworks**

  TensorFlow, Keras, PyTorch, Pandas, Numpy, sklearn, matplotlib, opencv, Pygame, Flask, React

EDUCATION

- **Bachelor's in computer science**   **(2018-2021)**
  Aarhus University

- **Masters's in computer science**   **(2021-2023)**
  Aarhus University