ALICE SCHIAVONE | MACHINE LEARNING RESEARCHER

linkedin.com/alice-schiavone

Status: M.Sc. student, Machine Learning Intern Researcher
Fields: Deep Learning, Medical Imaging Analysis, Computer Vision
Techs: Python, Pytorch, Tensorflow, Linux, Git
Languages: English, Italian

Copenhagen, Denmark
aliswh.github.io

Summary

M.Sc. student in Computer Science, having completed all academic requirements and exams, and available for immediate employment starting July 2023. Valuable experience in image processing and deep learning, especially in medical imaging analysis. Currently engaged as a research intern at Cerebriu, actively exploring innovative methodologies for implementing state-of-the-art technologies and generating impactful publications alongside medical professionals.

Experience

Machine Learning Researcher, Intern - Cerebriu   2022 - present

· Cerebriu is rapidly growing company working with medical professional on automating brain MRI.

· Worked on confidential research projects to improve the company's product and generate research publications.

Graphic Designer - Freelance   2015 - 2022

· I was able to fund my studies by freelancing as a graphic designer for small companies.

· Throughout high school and university, I designed logos, flyers and posters using industry-standard design software such as Adobe Illustrator, Photoshop, and InDesign.

Education

M.Sc. Thesis Abroad - University of Copenhagen, Cerebriu   2022 - 2023

· Title: *Robust Identification of White Matter Hyperintensities in Uncontrolled Settings Using Deep Learning*

· Submitted and successfully accepted for a poster presentation at the 2023 Medical Imaging with Deep Learning (MIDL) conference, taking place in Nashville.

M.Sc. Computer Science - University of Milan   2021 - present

· Completed all academic requirements, discussing my thesis and graduating in October 2023

· Curricula specialized in machine learning, data analysis and distributed computing. In the Danish grading system, my grade average is 11.72. I plan to graduate with 110/110 cum laude.

M.Sc. Data Science - University of Milano-Bicocca   2020 - 2021

· Completed a semester before starting an M.Sc. in Computer Science

· Courses in Statistical Analysis, Data Visualization and Data Management.

B.Sc. Computer Science - University of Insubria   2017 - 2020

· Master Thesis: Computation of Covid-19 $R0(t)$ in Italy.

· Developed scripts for the computation of $R0(t)$, an index for contagiousness and transmissibility of infectious pathogens, at the peak of Covid-19 diffusion in Italy. Another student developed a website for the distribution of the computed data, which was later featured in a few local newspapers.

Publications

[1]   Alice Schiavone and Mostafa Mehdipour Ghazi. "Robust Identification of White Matter Hyperintensities in Uncontrolled Settings Using Deep Learning". In: *Medical Imaging with Deep Learning, short paper track*. 2023. URL: https://openreview.net/forum?id=c0KnufAuX6k.

Thank you for considering my profile. Feel free to reach out to discuss how I can contribute to the success of your next projects.