Alice Schiavone | Machine Learning Researcher

linkedin.com/alice-schiavone

Status: M.Sc. Graduate, Machine Learning Intern Researcher

Fields: Deep Learning, Medical Imaging Analysis, Computer Vision

Techs: Python, Pytorch, Tensorflow, Docker, Linux, Git

Languages: English, Italian

Bagsværd, Denmark

aliswh.github.io

Summary

M.Sc. graduate in Computer Science, available for full-time employment starting January 2024. Valuable experience in machine learning and data processing, especially in medical imaging analysis. Currently engaged as a machine learning research intern, where I am responsible for two company research projects, one of which resulted in a conference publication. I am looking for a new opportunity in computer vision or data science. I am also available to discuss positions in other fields that could benefit from my technical and personal skills.

Skills

Have a look at my portfolio `aliswh.github.io` to check some of the projects I worked on.

Soft skills

Cross-functional team communication, individual project management, proactivity, flexibility, fast-learning

Technologies

Python, Linux, PyTorch, TensorFlow, Keras, Git, Docker, PySpark, R, SQL, Latex, Java, Kotlin

Image and tabular data elaboration technologies

Excel, Powerpoint, PowerBI, Tableau, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Inkscape, GIMP

Experience

Machine Learning Researcher, Intern - Cerebriu   2022 - present

· Cerebriu is a rapidly growing start-up with around 35 employees. I was working with medical professionals on automating brain MRI workflows, segmenting pathologies and producing statistical analyses.

· I 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 .

· I put in use my design skills in the work that I do as a computer scientist, especially when working on reporting results with plots and tables.

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`.

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, which took place in Nashville (USA).

M.Sc. Computer Science - University of Milan — 2021 - 2023

· Graduated with top scores (110/110) and cum laude.

· Curricula specialized in machine learning, data analysis, and distributed computing. Graduated with top scores and cum laude.

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

· Completed a semester in a Data Science M.Sc. 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.

About me

What I can offer

I am curious and self-motivated, but rigously methodical and organized. I drive my projects responsibly and take care of all the arrangements needed to bring them to completion. Planning ahead is an important part of my work strategy. Being energetic and proactive allows me to feel comfortable when working in a team and when communicating with company partners.

What I'm looking for

A collaborative and innovative work environment is where I thrive the most. Staying engaged with industry trends and cutting-edge technology allows me to contribute to my team's success. I believe in continuous learning, not limited to technical skills but including emotional intelligence and communication. I enjoy being exposed to international projects that can challenge my personal perspectives and have a global impact.

More about me

I volunteered at "GOTO; Copenhagen 2022", taking care of attendees and the conference venue. During my studies, I attended two workshops organized by 4EU+, in Prague and in Heidelberg, where we discussed and proposed solutions for local industries. I have volunteered at town festivals, serving tables and socializing with people of all ages.

I am a very artsy person: I love to draw and paint. In my free time I like to workout, take care of my plants and read sci-fi books. My friends and coworkers appreciate my baking skills, as I often like to bring my homemade cakes to work and social events.

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