





Master's Degree in Data Science@UniPD

For inquiries: internships.datascience@math.unipd.it

Fill the form here below for each available project and send it to us by email.

Company name	ID Ward
Company description (short text)	ID Ward is a data privacy startup based in London and Barcelona. We are creating a more private and secure web by using machine learning for data anonymisation. Digital marketing requires companies to collect data about their users and combine it with other data to identify the individual, understand their preference and deliver targeted advertising. But with the development of privacy regulations around the world, this trade in personal data is no longer lawful. ID Ward allows marketers to find consumers in a privacy-friendly way, by storing all personal data on the device and anonymising it with machine learning.
Company Website	https://id-ward.com
Address	Ingenuity Centre, Triumph Road, Nottingham, UK Paseo de Gracia 101, Barcelona, Spain
Company contact (<mark>mandatory</mark> , name and email)	Mattia Fosci: <u>mattia@id-ward.com</u> Danail Krzhalovski: danail@id-ward.com
University contact (if any, name and email)	
Type of internship	Full-time, paid
Brief description of activities	We are looking for ambitious, confident and curious data scientists to work with us. You will be part of a young team of developers pushing the boundaries of innovation in data science. At the moment, we have three internship projects available and you will have to choose one. In your



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	 Topic 3: Homomorphic Encryption for Machine Learning Research on the topic of homomorphic encryption to build privacy preserving machine learning models Practically applying novel breakthroughs in the area such as the CKKS encryption scheme during the training of the models. Analyze space and time complexity of doing computations with the scheme on the encrypted data.
Languages (writing/speaking)	English
Starting date/period (if any) and expected duration (<mark>mandatory</mark>)	Starting between mid-January and mid-March 2022 Expected duration: 6 months (extendable)
Available positions	Max three positions, one per project (see above)
Support (e.g., food, reimbursement of expenses, salary, etc.)	Reimbursement of €800 per month