Working Student Responsible Algorithms

Do you want to help and encourage public institutions and other organisations to use algorithms responsibly? Join us at Deloitte.

What impact will you make?

Algorithms are an efficient and effective way to make substantiated and data driven decisions. With that, algorithms are now and in the future, crucial for a lot of organizations to operate. Algorithms (used for machine learning and other types of artificial intelligence) are – direct or indirect – used in many decisions made by public institutions and corporate organizations. Algorithms can for example be used to make automated decisions, predict specific behavior or make classifications using (personal) data. With that, algorithms impact society as a whole.

We are therefore convinced that these algorithms should be developed, assessed, used and maintained in a responsible and safe way. Using and maintaining algorithms in a responsible and safe way helps algorithms to be accurate, transparent, explainable and free of bias.

As Deloitte, it is our mission to help our clients to be responsible organizations. As a working student in the Responsible Algorithms team you can make a positive impact on our clients and society by developing methodologies and frameworks to use algorithms responsibly. We believe that the time is now to build the foundation for the responsible use of algorithms at our clients and society.

You will be part of the team that delivers these solutions to our clients. In addition to working on client projects, you also support in preparing proposals, client meetings, workshops and you will contribute to research and writing articles. We foster a collaborative culture where our talented colleagues can produce their best work and we value innovative thinking and diverse insights. We work closely with universities to jointly perform research and with other players in the responsible algorithm domain.

This is how

- Develop methodologies and frameworks to help our clients to use algorithms responsibly. These frameworks for example describe how to make algorithms explainable, how to detect bias and how to govern algorithms for each specific client;
- Assess whether algorithms for example at public institutions (e.g. governments) or other organizations are accurate, transparent, explainable and free of bias;
- Take responsibility and initiative to deliver presentation materials and communicate insights and recommendations to the client;
- Collaborate with clients and colleagues from diverse Deloitte team.

What we offer

- A competitive salary;
- A development program that allows you to continually develop;
- A work-from-home office setup allowance to make sure you everything you need for an ergonomically-correct workstation;
- Flexible working hours, you are in charge of your own agenda;
- 26 days of pad annual leave, and the opportunity to purchase additional leave days;
- The option to exchange three national holidays for three non-national holidays;
- A laptop, which is also for personal use;
- A good pension scheme with a personal contribution of only 2%;
- A time for time regulation that creates flexibility for personal moments that matter;
- An opportunity to take part in our collective health insurance scheme;
- An opportunity to benefit from tax-efficient facilities such as fitness and a bicycle scheme.

What you offer

When it comes to the social aspects of the job, you are ready for anything. You have the courage to try out new things and to keep learning, even if there are setbacks along the way. At the same time, you have strong analytical and problem-solving skills. You are committed to your personal goals and developments, to our clients and to our community and its values.

For the role of a Working Student you also have:

- a finished bachelor's degree – you almost obtained your master's degree at a Dutch University. This degree should be in a science or technical subject, preferably in Data Science, Econometrics, Quantitative Finance, (Applied) Mathematics, Artificial Intelligence, Business Analytics or a similar degree;
- good command of written and spoken English and Dutch;
- affinity with quantitative modelling and / or programming, and excellent analytical skills;
- available for 3-5 days per week for at least 3 months (starting date in consultation);
- ambitious, independent, energetic and able to perform under pressure
- a team player;
- good communicative skills.

(W)here

You share your expertise with about 40 other colleagues in the Market & ALM team that is part of Deloitte Risk Advisory. Our team uses quantitate methods and techniques to solve diversion issues within model development and validation. These include modeling techniques from Quantitative Finance, statistics, and applied mathematics. In addition, we also look at the impact of law and regulation on market, credit, and actuarial risks.

In this department, we find it important to continuously develop yourself. That's why we value innovation and personal development.

Let’s get down to business

We look forward to receiving your application for this position. At Deloitte, we welcome everyone who can bring qualitu and ambition. We’d like to know who you are.