**Rethinking legal research**

**Who we are**
Legal information should be easily accessible and understandable to all. As an open legal knowledge platform, **LEXCADA** provides access to legal resources: up-to-date, personalised and context-based.

**Who you are**
- Master Student in Computer Science with an entrepreneurial mindset
- Willing to take full product ownership and lead the project to success
- Hands-on mentality and results-oriented way of working
- Reliable Team Player with strong feedback ability

**Apply now**
Send an email to hello@lexcada.com with:
- Curriculum Vitae
- Indication of topic of interest (see "About IDP")
- 3-4 sentences explaining your motivation to apply
- desired start date

**About IDP**
**General topic:** Extract contextual knowledge about individual provisions (e.g. § 433 BGB) from openly available Supreme Court (BGH) rulings.

We support and guide all organisational matters of the IDP. The module is supervised by the **TUM Chair of Law and Security in Digital Transformation**. The work schedule can be discussed with each applicant individually. You can apply alone or as a team.

In total we are seeking **three students** with the following roles and tasks:

- **Data Engineering**
  - Get familiar with the official German XML-Model for court decisions. Research and develop an internal data model to store court decisions. Implement a module to automatically download and convert laws into the new data model. Transform the module into a cloud native application.

- **Data Science**
  - Get familiar with the structure of German judicial decisions and the contained information and entities. Research possible methods to automatically extract contextual knowledge from court decisions. Test the usefulness of results with customers; Integrate the methods into a cloud native application.

- **Full-stack Engineering**
  - Get familiar with the legal research workflow including the structure of German judicial decisions and law. Research and implement new customer facing features in an AWS environment (Typescript, Python, ReactJS, NextJS).