

Internship Opportunities
with the Center for Applied Data Science (CfADS)
at Hochschule Bielefeld – University of Applied Sciences and Arts (HSBI),
Germany

Open to: Advanced Bachelors students or Master's level students from the University of Alberta, MacEwan University, NAIT or Concordia University of Edmonton studying Electronics, Engineering, Business and Economics, Logistics, Applied Data Science

Applications: accepted on a rolling basis¹

Duration: from 3 months

Campus location: Gütersloh

HSBI works closely with industrial communities and businesses as well as social and cultural institutes in the region, with regards both to teaching and applied research. Its more than 10,000 students are enrolled in over 60 degree courses across three campuses in Bielefeld, Gütersloh and Minden. There are six faculties: Design and Art, Minden Campus (Architecture, Engineering, Computer Sciences), Engineering and Mathematics, Social Sciences, Business, and Health. HSBI has over 150 partnerships worldwide and is constantly expanding its international collaborations.

The Center for Applied Data Science (CfADS) research center at the Gütersloh campus provides a perfect research infrastructure with its own data analytics cluster as well as with its IoT-Factory.

Further information: <https://www.hsbi.de/ium/cfads/en>

Students are welcome to apply for an internship of at least 3 months with the Center for Applied Data Science within the following research areas:

- Industry 4.0
- Data Science
- Smart Production
- Logistics
- Digital Twin
- Process digitalization
- Process optimization
- Internet of Things (IoT)
- Machine Learning
- Big Data
- 3D printing
- Anomaly detection and prediction
- Prescriptive analytics
- Augmented reality

Working language will be English or German, if candidate knows German (but not necessarily required).

Requirements:

- Students should have an interest in programming and enjoy experimenting with software
- Minimum programming skills: Python
- Knowledge of handling data (data analysis) backed up with practical experience would also be desirable.

¹ Students who are eligible for the Youth Mobility Visa or who are an EU citizen should apply at least 3 months prior to the desired starting date. All other students should apply for an internship at least 5-6 months prior to the desired starting date.

Please submit the following documents in a single PDF file:

- Letter of motivation
(max. 1 page, please state the desired starting date, duration and whether the internship is mandatory)
- CV in tabular form
- A copy of your transcript of records

For further questions, please contact Vanessa Schaut at vanessa.schaut@hsbi.de.

To submit the application, please contact the International Office of your institution. Please find the right contact person at <https://www.uni-bielefeld.de/internship-in-owl>.