



The **University of Bonn** is an international research university offering a broad range of subjects. With a 200-year history, some 35,000 students, more than 6,000 employees, and an outstanding reputation in Germany and abroad, the University of Bonn is one of the leading universities in Germany and has been awarded the status of a University of Excellence.

The Institute for Food and Resource Economics, Faculty of Agricultural, Nutritional and Engineering Sciences has an open position for a:

12h/week: Student Assistant (WHF) – Computer Science

The position is part of the Lab Supermarket research facility and is paid according to university student assistant positions for post-graduates. **The contract is for 3 months.** The expected starting date is the **1st of March 2026**.

What we offer:

- Collaboration within a group specialized in consumer research with a focus on the food sector
- Be part of building a lab supermarket for research purposes

Your tasks:

MAIN TASKS:

- Create a product database for the lab supermarket.
- Develop a point-of-sale (POS) system for the lab supermarket that can be used to simulate purchases, record participant purchases, update the inventory system, and link to other datasets (e.g., participant data from a camera system). The POS system will be used for both the checkout and self-checkout.
- Develop an inventory and management system for the lab supermarket, integrated with the product database and POS system, to track stock, expiry dates, purchase alerts, etc.

POSSIBLE SECONDARY TASKS (AS NEEDED):

- Assist with the organization of the lab supermarket: searching and documenting information.
- Assist with the physical structure of the lab supermarket (product placement on shelves, etc.).
- Help with data collection in the lab supermarket.

Your profile:

- A bachelor's degree in computer science (currently in a master's degree)
- Fluent in English
- Organized, strong communication skills
- Highly skilled in programming. We expect you to use Python for the tasks
- Familiarity with databases might be necessary

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. The University of Bonn seeks to increase female representation in staffing areas where women are underrepresented and provide special career support. To this end, the University of Bonn strongly encourages applications from qualified women. Applications will be handled in accordance with the NRW State Gender Equality Act. Applications from qualified candidates with a certified severe disability or from those of equal status are especially welcome.

Application documents should include:

1. (Optional) Motivation letter (max 1 page); **2.** CV; **3.** Your GitHub profile; **4.** (Optional) Transcripts of your bachelor's and current master's program. Please send your complete application documents electronically (compiled in one single PDF file) by the **12th of December 2025** to Aline Simonetti (aline.simonetti@ilr.uni-bonn.de).