

# Job Description

SAP started in 1972 as a team of five colleagues with a desire to do something new. Together, they changed enterprise software and reinvented how business was done. Today, we remain true to our roots. That's why we engineer solutions to fuel innovation, foster equality and spread opportunity for our employees and customers across borders and cultures. SAP values the entrepreneurial spirit, fostering creativity and building lasting relationships with our employees. We believe that together we can transform industries, grow economics, lift up societies and sustain our environment.

## The Opportunity: Research Intern (f/m/d) for Machine Learning

SAP's New Ventures & Technology unit is a strategic innovation entity within SAP, combining software engineering excellence with thought leadership and entrepreneurial spirit. Across various focus clusters and by building on strong teams, we pioneer game-changing solutions in close collaboration with startups, customers & partners in industry and research as well as with other SAP units. To ensure a successful go-to-market, we follow an end-to-end responsibility approach. By exploring unconventional ideas and developing inspiring proofs of concept, we push the state of the art in computer science and its applied fields to provide SAP with foresight into future trends.

You will work with a team of experienced researchers and data scientists taking on challenges posed by the SAP customers and product units and providing smart services across and beyond the SAP portfolio. You will have the chance to work with the richest data sets available in the world addressing real-world problems.

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- Perform research to advance the science and technology in machine learning
- Contribute research that can be applied to product development
- Assist to ideate, create, and iteratively improve machine learning algorithms
- Clearly communicate findings and solutions to a variety of internal audiences
- Create presentations for key meetings

## Skills & Requirements:

### Required:

- Master's degree student at an university or university of applied sciences with preferred fields in studies in Computer Science, Mathematics or Statistics (with strong CS background)
- Solid background in machine learning (preferably deep learning)
- Computer skills: Python, familiarity with statistical analysis, shell programming
- Language skills: Fluent English - both written and spoken
- Soft skills: Willingness to learn, strong teamwork skills, presentation skills, interest in working within a heterogeneous team of developer and designers

### Preferred:

- We encourage PhD students to apply
- Prior research experience, publications or internships in machine learning and related fields
- Experience with Deep Learning software packages such as Caffe/(Py)Torch/Theano/TensorFlow/MXNet
- Familiarity with cloud services such as AWS, Azure, etc.

Success is what you make it. At SAP, we help you make it your own. A career at SAP can open many doors for you. If you're searching for a company that's dedicated to your ideas and individual growth, recognizes you for your unique contributions, fills you with a strong sense of purpose, and provides a fun, flexible and inclusive work environment.

**Apply now**

