

Machine Learning Intern

Job ID

REQ-10033941

Dec 12, 2024

Switzerland

Summary

Machine learning/Data science internship to work with predictive modeling and uncertainty estimation in the context of molecular property prediction and cheminformatics.

About the Role

Duration: 6 months

Start: as soon as possible

Location: Campus Basel

Major accountabilities:

- Develop ML models for compound property predictions
- Implement, apply and benchmark uncertainty estimation methods for ML models
- Work in a multidisciplinary environment
- Present project outcomes to technical and non-technical audiences

Minimum Requirements:

- MSc in a quantitative field or life sciences, preferably with multidisciplinary background (cheminformatics, bioinformatics, biomedical data science)
- Strong understanding of statistics and experience with machine learning / deep learning
- Expert knowledge of Python
- Experience with reproducible data science tools and practices
- Excellent communication skills and ability to translate analytical concepts for diverse audience and stakeholders (English is our primary language)

Desired:

- Previous research experience either in academia or industry
- Experience with uncertainty quantification
- Knowledge of explainable AI

Skills:

- Python
- Statistics, machine learning, deep learning, predictive modeling

Languages :

- English

Accessibility and accommodation:

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusion_ch@novartis.com, and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Others

Job Type

Full time

Employment Type

Early Career (Fixed Term)

Shift Work

No

[Apply to Job](#)

Job ID

REQ-10033941

Machine Learning Intern

[Apply to Job](#)

Source URL: <https://prod1.id.novartis.com/careers/career-search/job/details/req-10033941-machine-learning->

intern

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://talentnetwork.novartis.com/network>
3. <https://www.novartis.com/careers/benefits-rewards>
4. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Basel-City/Machine-Learning-Intern_REQ-10033941
5. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Basel-City/Machine-Learning-Intern_REQ-10033941