NOVARTIS

Machine Learning Intern

Job ID
REQ-10033941
déc 12, 2024
Suisse

Résumé

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:

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C028 (FCRS = CH028) Novartis Pharma AG
Functional Area
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Full time
Employment Type
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