

Software Engineer Position at the Health 2030 Genome Center

The Health 2030 Genome Center serves as a leading house for Swiss genomic medicine by supporting and facilitating research and clinical activities nationally in the areas of genetics and genomics. The Genome Center is developing a vibrant genomics community to achieve its aims.

The Genome Center is based at Campus Biotech, a new hub of neuroscience that hosts laboratories from EPFL, UNIGE, HUG and partner organisations working in preclinical and clinical neuroscience research, neuroengineering technology research and development at the basic, translational and applied stages.

In this context we are looking for a **Software Engineer** in the Data Analytics and Interpretation Platform (DAIP) of the Health 2030 Genome Center.

KEY RESPONSIBILITIES:

- Develop, maintain and implement genomic and transcriptomic data analysis pipelines for research and clinical purposes
- Develop analytical tools as needed by the scientific community of the Genome Center and its customers
- Interact with the lab manager and the technical staff of the Genome Center sequencing platform
- Participate in data related activities of the Genome Center

COMPETENCIES:

Required:

- Desire to work on DNA and RNA sequence analysis
- Experience with large computational clusters and parallel computing
- Attention to detail and quality of computational analysis outputs
- Good time management

Desirable:

- Experience in developing software and analytical pipelines
- Knowledge of functional programming languages (e.g. Scala, Haskell, Elixir, Scheme)
- Industry experience

JOB INFORMATION:

- Open-ended contract
- Starting date: Immediate
- Activity rate: 100%

HOW TO APPLY:

Applications must be sent to administration@fcbg.ch and include in one single PDF the following documents:

- CV
- Cover letter

The file name of the PDF must be as follows: YourLASTNAME_YourFirstname_GDE2020

The deadline to apply for this position is: Monday, August 31, 2020

More information on the Health 2030 Genome Center is available on our website:

www.health2030.ch/genome