

Software Engineer - Bioinformatics/AI

at Betteromics

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Redwood City, CA - Seattle, WA - Boulder, CO (Hybrid)

About Betteromics

Betteromics is a Data Engineering Platform for Life Sciences.

We are a team of mission-driven professionals, with combined experiences from academia, science and technology companies. We believe that life science product development can be accelerated with industrial strength software platforms to generate, prepare, process and utilize large and complex multi-modal molecular datasets using the best-in-class ML and data science practices.

Our Values

- **Innovate Together:** We recognize that the best innovation comes from embracing the uniqueness of others, unlocking the potential of the collective
- **Seek Understanding:** We empathetically seek to understand others with the goal of providing contextually grounded solutions
- **Embody Selflessness:** We leverage different perspectives and achieve breakthrough by building values for others; lifting us all
- **Prioritize Integrity:** We operate ethically, honestly and holding ourselves to high standards of care and transparency

What we look for in our ideal Betteromics team member

- Bachelor's Degree in Computer Science or related field
- Insatiable thirst / hunger for learning and problem solving
- Empathy and humility to know that we don't know everything but want to help
- Self driven generalists who can become experts and do what is needed when needed

Job Requirements:

- 8+ years experience in the full lifecycle of software products from requirements, design, development, testing, deployment and maintenance
- Backend systems including realtime search (elasticsearch), database (postgresql), Datawarehouse (snowflake,hive...), Cloud storage (s3, ...)
- General purpose data science and bioinformatics specific compute engines (cromwell, nextflow, redun, flyte ...)
- High Dimensional data interpretation and visualization tools (mode, tableau, nivo, plotly, jmp, flowjo, R ...)
- AI/ML Experience
 - Machine Learning tools such as Scikit-learn, TensorFlow, Keras, PyTorch, Langchain
 - Experience building ML models, fine tuning, evaluation, prompt engineering, RAG in areas such as nlp, generative ai , deep learning neural nets
 - Working with vector databases and model embeddings.
 - Experience working with models such as OpenAI GPT, Anthropic Claude, Gemini, Llama, Mixtral, ...
- Domain experience in life sciences
 - NGS (next generation sequencing) data formats (e.g. Bam, Fastq,) and Data pipelines (WGS, Broad GATK, nf-core ...)

- Genomics, Proteomics, Metabolomics, Lipidomics, Transcriptomics, Clinical data experience

Your impact:

- Design, develop, optimize, and productionize software solutions that deliver a delightful and stress-free experience for customers.
- Get clarity of problem statements from designers, product managers, eng leads, break features into meaningful tasks, collaborate with other engineers and deliver the project with metrics and data.
- Be a humble and trusted colleague for both our hardworking team members and passionate leaders alike. Deal with a difference in opinions in a mature and fair way.

Benefits & Perks

- Culture - our top priority! We pride ourselves on creating a culture that is inclusive and mission-driven
- Generous Medical Plans, Vision, Dental, 401K, Paid Maternity and Paternity Leave
- Flexible time off, alongside monthly paid company holidays
- Hybrid-first environment that allows you to both interact with your teammates and work flexibly
- Family- friendly. We are committed to helping employees take necessary time to take care of themselves and their family members

The estimated base salary for this role ranges from \$170,000 - \$215,000 USD, plus a competitive equity package. Actual compensation is based on factors such as the candidate's skills, qualifications and experience.

At Betteromics, we love that you are you! We design for equity rather than one-size fits all. All individuals seeking employment at Betteromics receive consideration for employment without regard to race, color, religion or belief, nationality, social or ethnic origin, sex (including pregnancy), age, physical, mental or sensory disability, HIV Status, sexual orientation, gender identity and/or expression, marital, civil union or domestic partnership status, past or present military service, family medical history or genetic information, family or parental status. As an equal opportunity employer, we stay true to our mission by ensuring that our place can be anyone's place

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