A customer-centric Senior Software Engineer

We are breaking new ground in the life science and pharmaceutical industries with our Python-powered, proprietary artificial intelligence, and are looking for a Senior Software Engineer to join our Barcelona team.

Description: Senior Software Engineer

We are looking for a skilled Senior Software Engineer to be an integral part of building our core technology and backend services. You'll be familiar with service-oriented architecture and design and Python library development, and you'll have a strong preference for TDD. You'll be part of our talented, fast-moving, and agile team of developers.

Our philosophy and culture are based on self-management: a structure that empowers people to fully be themselves and make decisions about all matters – small and large – under a shared sense of purpose.

As an Abzoid working on our product, your daily work activities will include:

- Backend development of the platform running our QLattices (C and Python)
- Development of the client framework that Data Scientists use for modelling (C and Python)
- Influencing and shaping the future of Abzu

Working in a self-managing company

We are a self-managing company, and we believe in empowering individuals to design their own work. This means that you'll define where your talent is best used and govern how that will be expressed in your daily activities (with advice from other Abzoids).

We believe that the best working environment is where people have integrity, a strong sense of responsibility, and collaborate in creative and inspiring ways. We trust in people, their potential, and inestimable value.

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About you

- You have a passion for AI, machine learning, and research
- You have at least 3 years of experience working in software development
- You have experience with C, Python, or similar languages
- You have 2+ years of experience in TDD
- You have experience with CI/CD pipelines and Docker
- You are curious and love to help others solve problems
- You have experience working in a team and with pair-programming

We'd love it if…

- You have experience in delivering services on a Kubernetes cluster
- You have experience with data science in Python (Sklearn, statsmodels, pandas, NumPy) and statistical analysis

Even if you don't meet all of the criteria but are excited about the opportunity and our work at Abzu, go ahead and apply. :)

We are here to learn, grow, and bring Abzu one step closer to realizing the promise of explainable artificial intelligence.

About us

Abzu is an applied research company on the mission to make explainable artificial intelligence accessible to researchers and scientists worldwide.

Abzu was born from a desire to challenge the fundamental assumptions of contemporary AI, believing that the future of AI lies in the more lifelike simulation of self-organizing systems.

Our explainable graph-based technology is used in the life science and pharmaceutical industries to find answers to problems by leveraging our QLattice's "evolutionary" ability to sample the space of potentially thousands of models and seamlessly pick the simplest and most accurate models that explain relationships between data.

Founded in January 2018, Abzu has offices in Copenhagen, Denmark and Barcelona, Spain.

If it's AI, it's Abzu.

We look forward to hearing from you,

The Abzu team