Fullstack Engineer

ferolabs.com

fēro labs

Industrial machine learning for factories

Fero's vision is to make the global industrial sector as innovative, adaptive, and energy efficient as the technology sector.

Fero is a machine learning software tool specifically designed to tackle the biggest inefficiencies in manufacturing today. We focus on making a real impact by **minimizing energy usage**, **improving factory uptime**, and **reducing scrap rates**. We do this by empowering industrial domain experts with cutting-edge, interpretable machine learning models through our product.

We are a small technical team of PhDs, MBAs, and engineers with degrees from schools like Columbia and Yale, and experience at firms like Google and IBM. We now find ourselves looking for the **perfect candidate to spearhead frontend efforts of our engineering group**. We have a strong emphasis on building a culture and community that reflects our values of fulfillment, work-life balance, and intellectual curiosity. We are here to build an amazing workplace together, not to grow without aim. (If you can't tell already, we love the book "Rework.")

Come become part of our vision and build a company that is revolutionizing the industrial sector!

The "Must Haves"

- 3+ years of experience
- Interest in working with **cutting-edge interactive data visualization challenges**
- Experience in frontend programming with **Javascript/ES2017/D3.js**
- Experience in modern frontend tooling with **React.js/Webpack/CSS**
- Interest in making a big impact with a small agile team

The Role

We are looking for a fullstack developer to broadly tackle data- and visualization-heavy fullstack challenges at Fero. Your role as Fullstack Engineer will be to **design and implement our product's interface, along with all interactive components and visualizations**. The job will be extremely hands on: you will have the opportunity to architect and design how our customers interact with our industrial machine learning tools. You will also work on the backend challenges of implementing such visualizations.

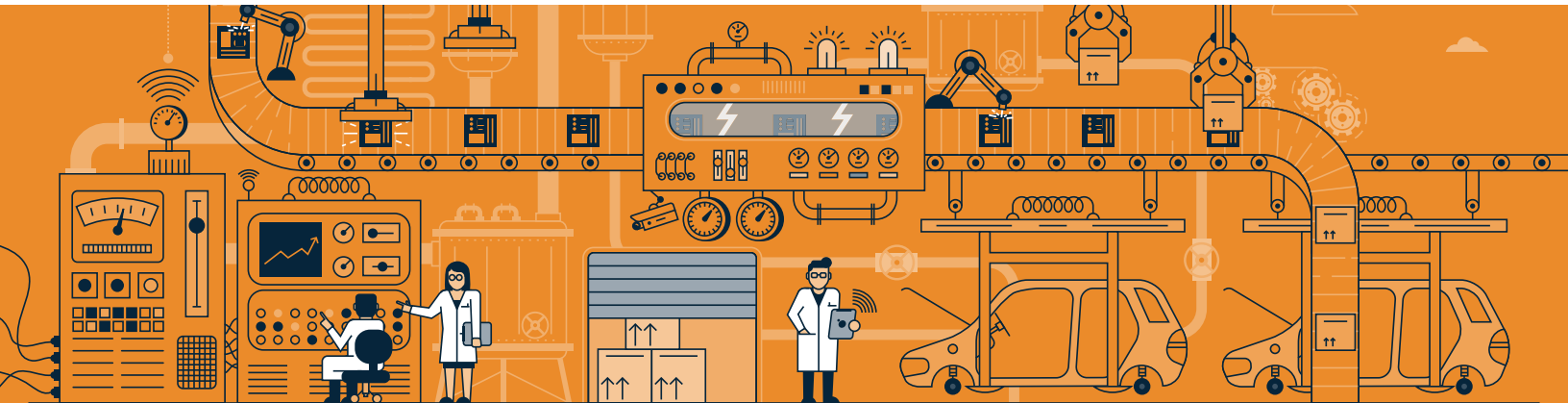
Why is it exciting?

Fero Labs is bringing a new type of machine learning to market. We focus on interpretable and safe machine learning that can detect patterns from messy datasets. A key feature of our software is to enable our customers to interact with our machine learning models, through **rich and expressive interactive visualizations**. These interactions are how our customers gain new insights.

Fero Labs is situated at the cusp of what experts are calling the 4th industrial revolution, "Industry 4.0". In this role, you will have the opportunity to not only directly see the impact of your decision-making on our product, but also observe how massive industrial clients change their operations using Fero.

The "Nice to Haves"

- Experience with **Python/Django**
- Some understanding of machine learning
- Excitement about agile development principles, such as test-driven development, and continuous integration



The Interview Process

We believe that the best way to evaluate you (and for you to evaluate us) is to **work together**. Our interview process is streamlined to get us to working on a small project as quickly as possible. We begin with a short phone call or face-to-face conversation, followed by a small project tele-coding exercise. We don't ask brainteasers. We do ask you to talk us through code that you're proud of; bonus points if it's open sourced!

The Benefits

Fero values its team members. We offer:

- Competitive compensation
- Early stage equity
- Great health care, dental, and vision plans
- Discounts for gym memberships and citibike
- Unlimited days off; we don't track sick days vs. vacation
- Remote working at will
- Sabbatical plans and more!

The Office

Fero is based in New York City, in a sunny **SoHo** office with a beautiful courtyard and rooftop. We enjoy a dedicated office space in a building designed for startups. We also have a new office in Germany!