



Machine Learning Engineer

Job Category	Engineering
Location	Somerville, Massachusetts
Job Type	Full-time

Are you ready to join a dynamic community of innovators? **Evident Battery**, a fast-growing startup based in **Somerville, MA**, is at the forefront of revolutionizing the EV battery industry.

Evident Battery develops a cutting-edge, non-destructive inspection and scanning solution for EV battery packs. Our technology integrates advanced inspection hardware and AI analytics software to enhance transparency and certainty within the EV market.

Machine Learning Engineer

Evident Battery is looking for a Machine Learning Engineer to join a highly collaborative team of experts in fields like engineering, machine learning, and EV battery reliability. This role offers a unique opportunity to gain professional development experience in an innovative company that is setting new standards in the EV battery industry.

What You'll Do:

As a Machine Learning Engineer, you will design, implement, and deploy machine learning models while developing robust data pipelines. You will also ensure efficient data management and analysis, leveraging modern technologies like Terraform, HTMX, and Ansible for a seamless, scalable, and interactive experience.

Modeling & Data Pipeline Management:

- Train, finetune, and maintain deep learning and machine learning systems for EV battery services, from research to production. Consult with managers to determine and refine machine learning objectives.
- Construct data-optimized data pipelines to feed and support machine learning models.
- Implement automated, reproducible cloud infrastructure provisioning to build a scalable and reliable foundation for machine learning and data management.

Data Analysis and Visualization:

- Develop APIs and backend services to support data-driven applications and real-time data visualization.

Cross-Collaboration:

- Work with machine learning engineers to deploy models into production.
- Develop new features based on user feedback to continuously enhance our technology platform.

Qualifications:

- Bachelor's, Master's or PhD in Computer Science, Data Science, Electrical Engineering or a related field.
- Candidates must have at least 1 year of full-time experience for PhD degree holders, 2 years for Master's degree holders, and 3 years for Bachelor's degree holders in machine learning, data engineering, or data science. Candidates demonstrating exceptional experience and skills may be considered under a more flexible set of criteria.
- Proficiency in at least one programming language (e.g., Python, Java, C++) and experience with deep learning and machine learning libraries (e.g., PyTorch/Pytorch-Lightning, Scikit-learn).
- Understanding of database management (SQL/NoSQL) and principles of data modeling and ETL processes.
- Familiarity with backend frameworks (e.g., Flask, Django, Express.js) and API development.
- Experience with cloud platforms (AWS, GCP, Azure) and Infrastructure as Code (IAC) technologies like Terraform is a plus.
- Experience with containerization (Docker, Kubernetes) and CI/CD pipelines is a plus.
- Enthusiastic about contributing to a rapidly growing startup, innovative mind with passion for continuous learning.
- Able to work hybrid at our office in **Somerville, MA**.

Why Work at Evident Battery?

- EVident Battery has received award-winning recognition. In 2024, we were awarded the Sobotka Seed Prize at Yale's Center for Business and the Environment (CBEY) and took first place in the startup pitch competition at the Harvard College China Forum.
- Our innovative technology solutions are patented, strengthening our market position for future ventures in an \$85 billion industry.
- We have a distinguished advisory team with entrepreneurial success in battery technology and the automotive sector, including Daniel Hoffer, Dr. Yan Wang, Marc Bronzetti, and Chen Chen.
- Our non-destructive, cost-effective solution enhances transparency and repairability in the EV market, advancing the shift to a sustainable world.

Perks & Growth Opportunities:

- Flexible work hours and hybrid working to fit your schedule.
- Mentorship from industry leaders in EV technology and software development.
- Opportunity to work on cutting-edge technology that contributes to the future of sustainable transportation.
- Access to a supportive, dynamic startup culture that values innovation, teamwork, and personal growth.

EVident Battery is an Equal Opportunity Employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.