



## Internship Announcement: AI Engineer Intern

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### About the National Fair Housing Alliance

The National Fair Housing Alliance (NFHA) has an immediate opening for an **AI Engineer Intern** to join its Responsible AI Lab. NFHA leads the fair housing movement and is the nation's only national organization exclusively dedicated to eliminating all forms of housing discrimination and ensuring equitable housing opportunities for all people and communities. We have a diverse, experienced, mission-driven, and impactful team that has developed equity-based policies at the federal, state, and local levels to expand fair housing opportunities; brought precedent-setting litigation to eliminate some of the most heinous forms of housing discrimination; conducted groundbreaking research to promote equitable solutions; and invested millions of dollars in underserved communities. We have solid relationships, built on trust, with national, regional, and local organizations, and we effectively draw upon these connections to reach vital goals. We are game changers that millions of people rely upon to advance fair housing.

Where you live matters. It affects every aspect of your life and determines whether you have access to the options and opportunities we all need to thrive. Yet despite important existing federal laws, more than 4 million acts of housing discrimination occur in the U.S. each year, and housing inequality remains stubbornly entrenched. That is why—through its education and outreach, member services, public policy, and advocacy, housing and community development, tech equity, enforcement, and consulting and compliance programs—NFHA is dismantling longstanding barriers to equity, rooting out bias, and building diverse, inclusive, well-resourced communities.

To learn more about NFHA, please visit <https://nationalfairhousing.org/>.

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**Job Title: AI Engineer Intern**  
**Department: Responsible AI Lab**  
**Supervisor: Chief Responsible AI Officer**  
**Location: Washington, D.C. (hybrid)**  
**Status: Non-Exempt; 3-4 Month Internship**

### Summary

NFHA seeks an AI Engineer Intern, whose primary responsibilities will include:

- Implementing AI models for natural language understanding to process and analyze large volumes of public comment data.
- Utilizing state-of-the-art NLP techniques, including BERT and RoBERTa, to generate text embeddings.

- Developing and optimizing clustering algorithms to identify key themes and sentiments in public policy comment letters.
- Creating and refining interactive visualizations and dashboards to present data insights to policymakers.
- Working collaboratively with a cross-functional team to integrate AI tools into the public policy review workflow.
- Continuously testing, refining, and validating models to improve accuracy and efficiency.

## Qualifications

### Required

- Currently pursuing or recently graduated with a degree in Software Engineering, Statistical Machine Learning, Applied Mathematics, Computer Science, or a related technical field.
- Proficient in Python and AI frameworks such as TensorFlow, PyTorch, and Hugging Face's Transformers.
- Solid understanding of NLP and experience in deploying AI applications.
- Strong skills in data structures, algorithms, and software design.
- Proven ability to work independently and in team settings.
- Excellent analytical, problem-solving, and communication skills.

### Desired

- Prior internship or project experience in deploying AI applications.
- Experience with visualization software like Plotly, Dash, or similar technologies.
- Background or interest in public administration, policy analysis, or civic tech.

## Application Process:

This internship position pays an hourly salary of \$25 per hour. This is an outstanding opportunity for the incumbent to work on cutting-edge Responsible AI projects, in a collaborative and inclusive work environment. In addition, this position will have access to professional development in the Responsible AI field, while making a meaningful impact on shaping Responsible AI practices. Ambitious candidates eager to apply artificial intelligence to real-world challenges in the public sector are encouraged to apply and join us to drive innovation in public policy analysis and make a meaningful difference!

Interested applicants should send a resume and cover letter to: **Attn: AI ENGINEER INTERN to [careers@nationalfairhousing.org](mailto:careers@nationalfairhousing.org). No telephone calls, please.**

The position will remain open until it is filled.

## Affirmative Action/Equal Opportunity Statement:

NFHA values and encourages diversity in its workforce. NFHA supports affirmative action and is dedicated to promoting equal employment opportunities. NFHA does not discriminate on the basis of race, color, religion, national origin, ancestry, citizenship, sex, age, marital status, personal appearance, sexual orientation, family responsibilities, disability, matriculation, political affiliation, or any other category or characteristic protected by the laws of the United States or the District of Columbia.