

Position: Explainable AI Website Developer

Location: Remote

Member Type: Unpaid Voluntary Internship

Organization Description

The Open Health Systems Laboratory (OHSL) is a public benefit corporation that builds, supports and manages project teams to improve research and diagnosis outcomes. We have technical expertise in utilizing the latest developments in information technology, namely informatics, communication, natural language processing, and data collection and mining to bring solutions to our clients.

OHSL was originally created in 2008 as a program of the International Network for Cancer Treatment and Research (INCTR) , a not-for-profit organization dedicated to helping build capacity for cancer research and treatment. In 2011, OHSL incorporated as an independent non-profit organization, and re-incorporated in 2017 as a public benefit corporation (B-Corp).

Internship Description

Artificial Intelligence (AI)-based solutions can often seem like a “black box,” a mysterious answer that gives no explanation as to its inner workings. This undermines trust in models’ predictions which has obvious implications for AI’s applications. Fortunately, there exist methods like Layer-wise Relevance Propagation (LRP) that contribute to Explainable AI (XAI). A web framework to easily display examples of XAI would bolster the case for AI solutions.

Interns will extend their basic HTML and JavaScript skills to develop a web application based on React and Node.js deployed on platforms such as Glitch and Heroku. Tasks include full stack app development, code testing, and documentation.

This internship is a fantastic opportunity for high school students interested in pursuing careers like web development, software engineering, and information architecture.

Qualifications

- Currently enrolled in high school
- Basic experience with HTML and JavaScript
- Interested in building programming skills through web development
- Need to have your own computer with Internet connection and appropriate IDE

Hours

Summer interns are expected to work a schedule with a minimum of 10 hours per week. The internship can be extended beyond the summer and is flexible.

How to Apply

Apply at this link: <https://ohsl.us/high-school-internship-recruitment-program>

In your resumé, please include relevant coursework and extracurricular activities/hobbies.