



Internship Opportunity: Programming Projects with Innovative Nonprofit

About Hearth Connection

Hearth Connection is an innovative, data-driven nonprofit located in Saint Paul dedicated to ending long-term homelessness in Minnesota. Offering services and affordable housing, our collaborative projects serve over 1,300 children, adults, and youth each year to break the cycle of homelessness and achieve housing stability and health recovery. Driven by data, we focus on solutions that improve outcomes for participants and communities. We are a small, fast-moving organization that values creative thinking and is very committed to its mission.

About the Internship

We seek an energetic and creative computer science/programming student to assist with the following projects:

1. Writing reusable code for transforming a large XML data source with criminal conviction information into a relational (SQL) database for research use.
2. Developing a person-linking algorithm to determine matches between disparate databases based on name, date of birth, and other identifying data.
3. Other fun projects if time permits.

The intern will work collaboratively but under minimal direction of the Information & Evaluation Department staff to tackle these projects.

A successful candidate should have at least moderate proficiency with a programming language, SQL relational databases and working knowledge of XML, XSL/T and XPath technologies.

This internship is unpaid. Internship will be about 10-15 hours a week (but we're flexible). Work will be performed in our offices at 2446 University Ave W, Saint Paul, MN. For questions or to apply, please submit a letter of interest along with a resume to co-pilot@hearthconnection.org.