



## **DATA ANALYTICS INTERN**

Location: East Hartford, CT

Reports to: Data Analytics & Quality Assurance Manager

### **Mission**

The Alliance is the statewide coalition of sexual assault crisis service programs working to end sexual violence through victim assistance, community education, and public policy advocacy. The mission of Connecticut Alliance to End Sexual Violence is to create communities free of sexual violence and to provide culturally affirming, trauma-informed advocacy, prevention, and intervention services centered on the voices of survivors.

### **Responsibilities**

- Data entry, cleaning, and preparation, which may include removing duplicates, handling missing values, and consistently formatting data
- Data analysis and visualization, which may include utilizing statistical techniques, creating data visualization tools, and developing dashboards to identify patterns and communicate findings
- Data quality assurance, which may include conducting data validation, performing quality checks, and proposing data governance practices

### **Learning Objectives**

At the conclusion of the internship experience, students will be able to

- Demonstrate skills in data management
- Apply data science concepts and methods to solve real-world problems
- Communicate solutions effectively to a non-peer, non-academic audience

### **Qualifications**

- Preferred academic programs: Data Analytics, Data Science, Computer Science, Economics, Informatics, Statistics, Biostatistics, Public Health, and related fields that equip students with
  - Basic understanding of databases, star schema, and dimensional modeling
  - Basic understanding of cleaning, shaping, and transformation of data
  - Basic understanding of data visualization and querying
- Excellent written and oral communication skills
- Excellent analytical skills
- Demonstrated ability to manage multiple priorities

- Basic understanding of concepts related to health equity, social justice, and/or sexual violence prevention