



UNIVERSITY OF TORONTO

FACULTY OF APPLIED SCIENCE & ENGINEERING

Troost Institute for Leadership Education in Engineering

Data Analyst, Research

Job ID 175646

Purpose

Troost ILead (Troost Institute for Leadership Education in Engineering) is a dynamic leadership education institute which supports leadership development through coursework, co-curricular programming, and research in the Faculty of Applied Science and Engineering.

Under the direction of the Associate Director, Research, the Data Analyst is responsible for analyzing qualitative and quantitative responses to an industry-based engineering leadership research project. The Analyst will also be part of our small research team, with opportunities to explore and develop their own engineering education research skills.

Qualifications

Education

Senior undergraduate or graduate engineering or education student with at least one completed course in qualitative or quantitative research methodology.

Skills and Experience

- At least one completed course in qualitative or quantitative research methodology
- Experience with SPSS, and an aptitude for data management
- Understanding of qualitative data analysis techniques
- A reflective listener who is comfortable challenging his or her initial perspective
- Time management skills, proven ability to prioritize responsibilities and work independently to meet deadlines
- Excellent interpersonal, written and verbal communication skills
- Experience working as a collaborative team member
- Demonstrated respect for equity, diversity and inclusion

Duties

- Conduct analyses of data independently and in collaboration with team member(s)
- Identify themes, and synthesize qualitative data from a large scale survey and focus group transcripts
- Prepare, review and interpret analytic output (e.g., tables and reports)
- Assist with cleaning and structuring data, and with data interpretation and presentation
- Contribute to the organization of findings for academic and industry audiences

Work-study Community

- Attend monthly work-study group meetings to connect with other students doing similar work, participate in community activities, and seek and provide feedback.
- Participate in training sessions to develop personal leadership awareness and team skills
- Engage in personal development planning and continuous skill improvement with the support and mentorship of Troost ILead staff and other students.

Hours and Compensation

- 12-15 hours/week
- \$15/hour

Application Materials

- Through CLNx