

STEM Manufacturing Internship

Work. Learn. Earn.

STEM Manufacturing Internship Position

BACKGROUND: The NWIRC is a non-profit management consultancy of the U.S. Department of Commerce and the Pennsylvania Department of Community and Economic Development that assists in the health and vitality of manufacturing businesses in the Northwest Pennsylvania region.

OBJECTIVES: The qualified candidate will be assisting with two main projects. The first phase the apprentice will assist in building an application that will automatically screen soundtracks.

Responsibilities include, but not limited to:

- Listen to computer-generated soundtracks then make a specific determination for approval or disapproval of the soundtrack
- Help discern the reason for disapproval of specific soundtracks
- Assist in crafting new rules that can translate into new computer algorithms
- Test mobile platform application to debug software.

Phase two will be to set up a large amount of data in ERP system. Responsibilities include, but not limited to:

- Learn the Dolibarr ERP system
- Enter data into the ERP
- Explore the ERP to manipulate the data
- Collaborate with the team in US and Asia to accomplish goals

REQUIREMENTS: Candidates are required to be currently enrolled in an accredited college or university, and shall be pursuing a four-year degree in Computer Science, Information Technology, Computer Engineering, Software Engineering or related discipline; and ability to work at the Erie County facility. Technical background in computer algorithms, machine learning, or artificial intelligence preferred. A background in music theory and basic terminology preferred. Must be comfortable with operating a Macintosh computer, a tablet, and a smart phone.

TIMEFRAME: May 2017 through August 2017.

CONTACT: Qualified candidates are to apply online at www.nwirc.org/internship. Please direct all inquiries about this advanced manufacturing opportunity, including requesting a further detailed description of essential job function, to Gretchen Reinard via email greinard@nwirc.org.