School of Continuing Studies

Part-Time Instructor – Data Science & AI Program Cluster

Discipline/Field: Data Analytics, Data Science, Artificial Intelligence
Program: Certificate in Big Data Analytics, Certificate in Advanced Data Science, Certificate in Machine Learning

The York University School of Continuing Studies is home to a diverse community of ambitious, growth-minded individuals seeking to accelerate the change they want to make in themselves and the world. The School is the fastest growing in Canada, offering programs codesigned and delivered by senior industry leaders within established, high-demand, and emerging professional disciplines.

We harness the power of cohort learning to promote a strong sense of community in everything we do, encouraging peer-to-peer collaboration and growing the personal and professional networks of our students for years to come. We build resiliency by teaching specialized knowledge and technical skills, while simultaneously providing opportunities for enhancing soft skills, cultural understanding, and cross disciplinary know how.

We embrace a global perspective through collaborative working relationships with leaders in industry and academia across Canada and around the world. We value the advantages that come with diversity and our students speak more than 65 languages.

POSITION DESCRIPTION

We are seeking experienced and credentialed subject matter experts to assume the role of Part-Time Instructor in our part-time programs for Certificate in Big Data Analytics, Certificate in Advanced Data Science & Predictive Analytics, and Certificate in Machine Learning. The Part-Time Instructor will lead the delivery of one of many courses in the program and currently we are looking to hire for: CSDA1100, CS11110, CSDA1120, CSDA2000, CSDA2010, and CSML1010.

PROGRAM DESCRIPTION

The Certificate in Big Data Analytics is a program that graduates people with a skill set to perform basic data analytics and who came into the program with limited to no analytics and coding experience. The Certificate in Advanced Data Science & Predictive Analytics graduates end-users of analytics solutions who can drive more sophisticated

analysis with their organizational data, and often from the position of an organizational or people leader. The Certificate in Machine Learning is designed to graduate a machine learning engineer or data scientist who is the developer of that aforementioned solution, and who came into the program with professional or educational experience with a heavy emphasis on programming and math.

INSTRUCTOR DUTIES

- Deliver course content in a manner that is engaging, dynamic and interactive, drawing on direct professional experience
- Offer innovative approaches to quality teaching and learning that improve student outcomes and embed technologies into the classroom experience
- Ensure accuracy and relevancy of course content, materials and assessments
- Establish and foster a safe, welcoming and inclusive learning environment
- Provide formative assessment of student learning through a variety of methods
- Evaluate learning outcomes and assess student comprehension and demonstration of associated skills, competencies and behaviours
- Provide constructive feedback and grades to students in a timely fashion and subsequently offer counsel to students where required
- Communicate with students in a timely, supportive and professional manner
- Respond promptly to student feedback and evaluation findings to maximize student satisfaction, collaborate with fellow instructors and the administration around ongoing course and program enhancements
- Assist with program matters including curriculum review, transfer credit assessment, academic appeals, technological enhancements, etc. as needed

QUALIFICATIONS

- Baccalaureate degree in a relevant field. Advanced degree preferred.
- Experience and demonstrated success in data science or AI in an enterprise setting, having also guiding solutioning in response to business problems using organizational data
- Highly knowledgeable in any of the course topic areas
- Experience teaching adults in an academic and/or corporate setting is preferred
- Demonstrated ability working in a team environment with excellent communication, interpersonal, organizational, problem solving and time management skills
- Comfortable with technology and highly proficient with the Zoom platform

START DATE

These programs have multiple cohorts running throughout the year, and with some cohorts running with weeknight classes 6:30pm-9:30pm and others on weekends. Most cohorts have classes via Zoom, and with other cohorts being offered for on-campus delivery.

Submitting Your Application

At York we boast a culture of respect, equity, diversity and inclusivity, where we value each other's differences and exercise our strengths. The University welcomes applications from all

If you're interested in contributing to our diverse community - we want you here.

Applications must consist of a cover letter and curriculum vitae. Preferred candidates may be asked for qualification verification (e.g., credentials). Applications are to be addressed and submitted to:

Sean Woodhead
Program Manager, Continuing Professional Education
School of Continuing Studies
woodhead@yorku.ca