Position Information

Position Rank: Part-Time Course Developer & Instructor  
Discipline/Field: Back-End and Blockchain Development  
Home School: School of Continuing Studies  
Home Department: Continuing Professional Education  
Position Start Date: ASAP and pending program approval

York University, founded in 1959, is now Canada’s third largest university. The School of Continuing Studies was established in 2014 and is quickly emerging to become one of the largest and fastest growing continuing education units in Canada.

ABOUT THE PROGRAM
The Post-Graduate Certificate in Back-End and Blockchain Development will be the first Canadian university post-graduate certificate that specializes in blockchain. This is a full-time, 9-course program aimed at supporting students in preparation of entering a blockchain developer role, or a back-end development role that requires blockchain development. Students complete courses consecutively with each taking 3 weeks to complete.

POSITION DESCRIPTION
The Part-Time Curriculum Developer and Instructor leads development and subsequent delivery of their course under direction of the Program Manager and as part of a large instructional team. The incumbent will be guided in development and delivery of their assigned course by their many years of experience in a professional role related to back-end development, blockchain development, and with expertise in the teaching and training of adults.

INSTRUCTOR & COURSE DEVELOPER DUTIES
- Develop and deliver course curriculum for a 36-hour face-to-face course
- Define, evaluate and validate learning outcomes, and correspondingly design strategies and tactics for assessing student learning
- Offer innovative approaches to quality teaching and learning that improve student outcomes and embed technologies into the classroom experience
- Provide formative assessment of student learning through a variety of methods and subsequently providing counsel to students where required
- Support learning through formative assessment and summative evaluation
- Participate in academic/curriculum and other components of annual and comprehensive program reviews
- Periodically asked to weigh in on other program matters, including student recruitment and selection, scheduling, room assignments, technology, etc.
GENERAL QUALIFICATIONS

- Minimum master’s level education completed in computer science, engineering, or similar; preference is given to those who hold a Ph.D.
- Minimum 7 years of experience as a practitioner in a highly technical, development role using Go and/or Node.js, as well as at least 3 years of experience leading and implementing end-to-end blockchain projects in a medium or large enterprise
- Minimum 2 years of experience teaching or training adults in an educational or corporate setting
- Minimum 2 years of experience managing a development team in a business environment is preferred
- Experience in design and development of public blockchain applications is required
- Experience with Ethereum, Hyperledger, Solidity with Truffle, and NoSQL (MongoDB) is required
- Experience deploying projects in the cloud (GCP or AWS) is preferred
- Experience in participating in strategic planning on how business goals are satisfied through blockchain projects
- Experience leveraging negotiation skills in building buy-in on a blockchain project across internal stakeholder groups
- Experience incorporating adult learning principles and constructivist approaches to teaching and learning in an outcomes- or competency-based approach is preferred
- Demonstrated ability working in a team environment with excellent interpersonal and organizational skills

SUBMITTING YOUR APPLICATION

Applications must consist of a cover letter and curriculum vitae. Candidates may choose to include samples of their work.

Preferred candidates may be asked for qualification verification (e.g., credentials).

Please ensure your application specifically states which position you are applying for and the corresponding course or courses.

Applications are to be addressed and submitted to:

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