UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

<u>Summer Employment Opportunity</u>

Title: Web Applications Jr. Instructor
Date of Employment: Start date negotiable, through July 2017
Hiring Department: Engineering Outreach Office, Faculty of Applied Science & Engineering
Rate of Pay: $15 per hour
Hours/Week: Part-Time (<20 hours/week), July 10 – July 21: Full-Time
Number of Positions: 4-6

Under the general direction of the Outreach Coordinator and the primary course instructors, the incumbent will provide support to the primary instructors during a two-week DEEP Summer Academy Web Applications course. These responsibilities will include designing, implementing, and testing algorithms, methodologies, and applications in a variety of languages including HTML, CSS, Javascript, Python, and p5. The incumbent will support and lead in-class lessons, as well as support students in their own software development during independent and team-based programming sessions. The incumbent will set up and take down classroom equipment as directed by the primary instructors. Class lessons will be open-ended and participatory to give students a guided and open-inquiry experience, as such the Junior Instructor will convene with the primary instructors prior to the delivery of the course to ensure that they have a thorough understanding of the material to be covered during the course.

Minimum Qualifications

Education:

  • Bachelor of Applied Science or Bachelor of Applied Science in Engineering Science in progress

Experience:

  • Experience working with high school students

  • Experience with general programming practices and program design

  • Experience with either front-end, or back-end web development an asset

Required Skills:

  • Familiarity with data structures, and algorithm design

  • Ability to troubleshoot runtime errors, and analyze efficiency using big-Oh notation

  • Tolerance for ambiguity and an ability to adapt to change quickly

  • Excellent interpersonal, oral, and written communication

Other:

Part-time work will be scheduled in collaboration with the Outreach Coordinator.
The incumbent must be available to work full-time from July 10 to July 21, 2017.
A Police Clearance Letter will be required of all successful applicants.

How to Apply:

Qualified applicants should submit their cover letter with resume and university transcript to the attention of Claire Heymans, Outreach Coordinator, Engineering Outreach Office.
Submissions can be emailed to **apply@engineeringoutreach.ca** (please include the position you are applying for in the subject line), or dropped off in person at 35 St. George St (Galbraith Building), room 173.
Applications are due no later than 9:00 am on **Monday, May 1, 2017**.

Learn More: