

Research Assistant

Posted June 29th to July 13th, 2022

Mixed-Signal Circuit Design for Security Applications

NOTE: This is a 2-month part-time contract

POSITION SCOPE:

Design and simulation of integrated circuits under the supervision of Professor G. Cowan

PRIMARY RESPONSIBILITIES:

- Simulation of mixed-signal circuits using Cadence CAD tools
- Analyze performance using various security metrics
- Integrated-circuit layout

REQUIREMENTS:

- University degree in Electrical Engineering
- Familiarity with transistor-level design of integrated circuits
- Previous experience in integrated circuit layout
- Experience with Cadence tools
- Good spoken and written English language skills
- Strong interpersonal and communications skills.
- Detail-oriented, with strong organizational and problem-solving skills.

Contract: Aug 1st, 2022 to Sept 30th, 2022

Part-time: 9 hours per week, work schedule to be determined

Start date: Aug 1st, 2022

Salary: Total \$2,000 for the period, or \$24.69 per hour.

*Please send your curriculum vitae with a covering letter **by July 12th, 2022**, to Dr. Glenn Cowan gcowan@ece.concordia.ca*

Concordia University is committed to Employment Equity and encourages applications from women, Aboriginal Peoples, visible minorities, ethnic minorities, and persons with disabilities.