

## Research Assistant

Posted April 15<sup>th</sup> through 29<sup>th</sup>, 2021

### Mixed-Signal Circuit Design for Security Applications

**NOTE:** This is an 8-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:** May 10<sup>th</sup>, 2021 to Jan 28<sup>th</sup>, 2022

**Part-time:** 18 hours per week, work schedule to be determined

**Start date:** May 10<sup>th</sup>, 2021

**Salary:** Total \$15,732 for the period, or \$23.00 per hour.

*Please send your curriculum vitae with a covering letter **by Wednesday April 29<sup>th</sup>**, to*

*Dr. Glenn Cowan [gcowan@ece.concordia.ca](mailto: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.