

## Research Assistant

Posted March 17 to March 30, 2022

### Linear Periodically Time-Varying Receiver Designer

**NOTE:** This is an 6-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 optical receiver metrics
- Integrated-circuit layout

**REQUIREMENTS:**

- MAsc 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:** April 4<sup>th</sup> to September 30<sup>th</sup>, 2022

**Part-time:** 7 hours per week, work schedule to be determined

**Start date:** April 4<sup>th</sup>, 2022

**Salary:** Total \$5000 for the period.

*Please send your curriculum vitae with a covering letter **by Wednesday March 30<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.