



Postdoctoral Fellow in Cybersecurity

The Canadian Institute for Cybersecurity is inviting applications for two postdoctoral researchers starting in May 2025.

Two full-time postdoctoral positions in cybersecurity are available at the Canadian Institute for Cybersecurity (CIC), University of New Brunswick, Fredericton campus. The candidate will work under the supervision of the Institute's Director and with CIC's research staff on research, design, and development of techniques and algorithms used in Cybersecurity. The position is full-time and funded by external monies; the salary will be between \$45,000 - \$55,000 CAD per year (including benefits), commensurate with qualifications and experience. The postdoctoral appointment is for one year and can be extended depending upon the availability of funding.

CIC is a comprehensive multidisciplinary training, research & development and entrepreneurial unit that operates in close collaboration with researchers in social science, business, computer science, engineering, law, science and other research centres. Established in 2016, CIC serves as one of the very few institutes where the researchers and practitioners can come together in a collegial atmosphere to share innovative ideas and thoughts and conduct multidisciplinary research and training. The position will work independently to convert project requirements to Technical Design Specifications and develop code for enterprise-wide and other cybersecurity projects.

Required skills and experience:

- A PhD in computer science with expertise in information and network security, the application of artificial intelligence, machine learning, and natural language processing in cybersecurity and privacy, as well as other relevant research areas.
- Strong communication and writing skills.
- Ability to do independent research, as well as to work collaboratively with other team members.

Helpful skills and experience:

- Application development using Java, Python and/or C/C++.
- Technical abilities in systems design, coding, testing, debugging and maintenance.
- Demonstrated experience with the design and implementation of large networked and security systems.



Application Deadline:

February 28, 2025

To apply please include your curriculum vitae and the following:

- Research experience (projects, publications, etc.)
- Two representative publications
- Proof of language proficiency (international applicants)
- Contact information (email, address, phone) of three references

Send your application to:

Dr. Ali Ghorbani, PhD

Professor and Director

Canadian Institute for Cybersecurity

University of New Brunswick

Fredericton, NB, E3B 5A3

ghorbani@unb.ca

This position is covered by the terms and conditions contained in the Collective Agreement negotiated between UNB and PSAC/PDF Local 60550. The University of New Brunswick is committed to employment equity and fostering diversity within our community and developing an inclusive workplace that reflects the richness of the broader community that we serve. We welcome and encourage applications from all qualified individuals including women, visible minorities, Indigenous persons, persons with disabilities, persons of any sexual orientation, gender identity or gender expression. Preference will be given to Canadian citizens and permanent residents of Canada.

We thank all who apply; however, only those selected for an interview will be contacted.

[Learn more about UNB's Postdoctoral Program.](#)

