Job Posting:175233 - Position: W26 AI in Biomedicine - Research Intern 175233

Co-op Work Term Posted:	2026 - Winter
App Deadline	11/14/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	11/07/2025 02:22 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	University Health Network (UHN)
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 AI in Biomedicine - Research Intern 175233
Position Type	Co-op Position
Job Location	Toronto, ON
Country	Canada
Duration	4 months
Work Mode	To be confirmed
Salary Currency	CAD
Salary	0.0 per hour for 37.5 Major List
Job Description	

AI in Biomedicine - Research Intern

• 200 Elizabeth St, Toronto, ON M5G 2A7, Canada

•Intern

•Department: Research

Company Description

UHN is Canada's #1 hospital and the world's #1 publicly funded hospital. With 10 sites and more than 44,000 TeamUHN members, UHN consists of Toronto General Hospital, Toronto Western Hospital, Princess Margaret Cancer Centre, Toronto Rehabilitation Institute, The Michener Institute of Education and West Park Healthcare Centre. As Canada's top research hospital, the scope of biomedical research and complexity of cases at UHN have made it a national and international source for discovery, education and patient care. UHN has the largest hospital-based research program in Canada, with major research in neurosciences, cardiology, transplantation, oncology, surgical innovation, infectious diseases, genomic medicine and rehabilitation medicine. UHN is a research hospital affiliated with the University of Toronto.

UHN's vision is to build A Healthier World and it's only because of the talented and dedicated people who work here that we are continually bringing that vision closer to reality.

www.uhn.ca

Job Description

Union: Non-Union

Number of vacancies: 1

Site: Toronto General Hospital
Department: Research
Reports to: Senior Scientist I
Hours: 37.5 hours per week
Shifts: Days
Status: Temporary Full-Time
Closing Date: November 30, 2025
Position Summary:

The Peter Munk Cardiac is thrilled to announce an exceptional opportunity for a research student to join our dynamic team. You will be working directly under the visionary leadership of our Chief AI Scientist. We are looking for candidates enrolled in an undergraduate program and an impressive publication record, specializing in areas such as Computational Biology, Natural Language Processing (NLP), Computer Vision, or Human-Computer Interaction. This is a unique chance to be at the cutting edge of AI research in healthcare, driving projects that make a tangible impact on patient outcomes and clinical practices around the globe. The role offers an inspiring blend of academic and creative freedom, along with access to world-class resources to empower you in pursuing your research ambitions.

Duties

• Assist in the development and optimization of AI models for healthcare applications, particularly in computational biology.
•Implement machine learning and deep learning algorithms using Python, TensorFlow, PyTorch, or similar frameworks.
•Conduct data preprocessing, feature engineering, and exploratory data analysis on clinical and genomic datasets.
•Collaborate with researchers to analyze and interpret AI-generated insights for improving patient care.
•Assist in preparing research manuscripts, presentations, and technical reports.
•Participate in team meetings, brainstorming sessions, and contribute to research discussions.
•Support the documentation and version control of AI models using GitHub.
•Conduct literature reviews to stay up-to-date with emerging AI methodologies in computational biology and healthcare

Additional Information

Why join UHN?

In addition to working alongside some of the most talented and inspiring healthcare professionals in the world, UHN offers a wide range of benefits, programs and perks. It is the comprehensiveness of these offerings that makes it a differentiating factor, allowing you to find value where it matters most to you, now and throughout your career at UHN.

• Competitive offer packages
•Government organization and a member of the Healthcare of Ontario Pension Plan (HOOPP https://hoopp.com/)
•Close access to Transit and UHN shuttle service
•A flexible work environment
•Opportunities for development and promotions within a large organization
•Additional perks (multiple corporate discounts including: travel, restaurants, parking, phone plans, auto insurance discounts, on-site gyms, etc.)

UHN is a respectful, caring, and inclusive workplace. We are committed to championing accessibility, diversity and equal opportunity. Requests for accommodation can be made at any stage of the recruitment process. Applicants need to make their requirements known in advance. Any information received related to an accommodation will be addressed confidentially.

University Health Network thanks all applicants, however, only those selected for an interview will be contacted.

All applications must be submitted before the posting close date.

UHN uses email to communicate with selected candidates. Please ensure you check your email regularly.

Please be advised that a Criminal Record Check may be required of the successful candidate. Should it be determined that any information provided by a candidate be misleading, inaccurate or incorrect, UHN reserves the right to discontinue with the consideration of their application.

UHN is an equal opportunity employer committed to an inclusive recruitment process and workplace. Requests for accommodation can be made at any stage of the recruitment process. Applicants need to make their requirements known.

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Job Requirements

Qualifications

• Must be 16 years of age or older, per UHN policy.

• Must be enrolled in an undergraduate or postgraduate program in Computer Science, Biomedical Engineering, Computational Biology, Data Science, or a related field.

• Strong programming skills in Python and familiarity with AI/ML frameworks such as TensorFlow or PyTorch.

• Experience with biological datasets, genomic data analysis, or computational modeling is an asset.

• Knowledge of natural language processing (NLP) and computer vision applications in healthcare is an advantage.

• Familiarity with cloud computing platforms (e.g., AWS, Google Cloud) and high-performance computing environments is a plus.

• Excellent problem-solving skills and ability to work independently and in a team environment.

• Strong analytical and communication skills, with the ability to present research findings effectively.

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Citizenship Requirement   N/A

APPLICATION INFORMATION

Application Procedure   Through Employer Website

Special Application Instructions

Please use to the link below to apply-

University Health Network AI in Biomedicine - Research Intern | SmartRecruiters

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received.

Students should submit their applications as soon as they are ready.