

Career Boost - Ryerson's Student Employment Source

Career Boost is Ryerson's new source for off campus and on campus job opportunities.

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The **Career Boost On Campus Program** provides eligible full-time undergraduate students with hundreds of on-campus paid work experience opportunities each year. Please review full eligibility [here](#).

Please note that students may apply for any Fall/Winter/Summer position **before applying for Career Boost approval**, however job offers are conditional pending the student receiving their approval. Summer approval application opens in February, Fall/Winter approval application opens in August

Junior Product Development & Research Assistant

Supervisor Information

Supervisor's First Name:	Alex	Supervisor's Last Name:	Tran
Department:	TRSM Associate Dean, Research	Faculty:	None
Room No.:		Email:	alex.tran@ryerson.ca
Extension:	544360		

Student Application Materials Required:

- Career Boost Approval Email

(Any job offer before receiving the approval email will be conditional. However you're more than welcome to apply for the positions before then. Summer approval application opens in February, Fall/Winter approval application opens in August. Please forward the approval email to the supervisor)

- Resume
- Cover Letter
- Transcript
- 2 Reference(s)

Method Of Student Application:

- Email

Position Information

Job Family:	Research and Analytics
Job Title:	Junior Product Development & Research Assistant
Hours per week:	14
Number of Positions:	1
Hourly Rate of Pay:	\$17.00
Start Date:	Sep-07-2021
End Date:	Apr-08-2022
Mandatory Training:	No

Position supports the following priorities from the Ryerson University Academic Plan:

- Increase scholarly, research and creative (SRC) excellence, intensity and impact
- Enable greater student engagement and success through exceptional experience
- Foster an innovative ecosystem

Summary of Host Department:

The Cybersecurity Research Lab (CRL) is an academic research lab at Ted Rogers School of Management at Ryerson University. The CRL conducts cutting-edge information security research, train the next generation of cybersecurity experts, and is spearheading a crucial and ongoing dialogue with the Information and Computer Technology (ICT) industry in Canada. The lab is led by Dr. Atefeh (Atty) Mashatan, an Information Security Researcher and Solutions Architect. The CRL is recognized for its strong partnerships and linkages to industry. Its mission is to help organizations, large and small, to find innovative and cost-effective cyber risk mitigation strategy and solutions. The lab's research expertise is in Cryptography, Blockchain Technology, Quantum-resistant solutions, Machine Learning and its applications in cybersecurity, Enterprise Security Architecture, and Security of Internet of Things (IoT). <https://www.ryerson.ca/crl>. The lab founded and is directed by Dr. Atty Mashatan who is an Assistant Professor at Ted Rogers School of Information Technology Management. Her research is focused on the development of novel cybersecurity designs based on emerging technologies such as IoT, Blockchain, and Quantum Computing. She investigates challenges and opportunities brought forward by these new technologies and how they change the threat landscape of cybersecurity. As such, the researchers in the lab collaborate with industry partners on a daily basis to study industry relevant research problems and propose solutions that can be developed as part of the industry-academic collaborations.

Position Description:

The student will assist the technology lead and director in bridging the technology development team and the industry sector users of our platform.

They will represent our customer's needs in the development process and lay the groundwork for future business development. Tasks that this position is responsible for include:

- Market research
- Funding proposal preparation and submission
- Responses to tenders and requests for proposals
- Business process identification

- Industry sector subject matter expert interviews
- Overseeing the preparation of project and technical documentation

We are looking for someone with an understanding of business and technology concepts who can help us build an attractive business solution for the real estate market.

Apply for this position if you have some of the following:

- Understanding of the basics of real estate transactions;
- Knowledge of blockchain fundamentals;
- Ability to conduct subject matter expert interviews;
- Experience with proposal writing and tender responses;
- Ability to manage relationships with vendors;
- Analysis and reporting skills;
- Graduate or student of Business Technology Management or equivalent program;
- Social media and marketing experience.

The student will also assist the director and manager in completing grant applications, reviewing and editing papers, and assisting with literature reviews. This role will also include supporting the day-to-day activity of the research lab. This position will also assist in the planning and organization of special events that includes internal stakeholders, external stakeholders, and partners. They will work closely with CRL's director, manager, technical lead, and researchers to coordinate all processes, activities and local resources required for the events. This may include liaising with Ryerson staff and external partners as needed to ensure smooth coordination and timing of events and activities.

Competency Development:

Core Competencies:

● Communication

- Presents ideas and thoughts effectively in a variety of formal and informal settings
- Communicates in writing effectively to encourage action or generate understanding
- Demonstrates an understanding of appropriate professional communication practices
- Demonstrates effective interpersonal communication, including an ability to communicate in an intercultural context
- Demonstrates active listening by engaging with diverse viewpoints

The student is responsible for bridging our development team with industry users of our platform. They need to be able to communicate (both written and orally) to present the ideas and best use cases of the platform to the industry users. As well, they will need to be able to represent the customer's needs to our internal developers so that the groundwork for future development is clearly laid out. Since there various use cases for the platform, the student will be interacting with individuals with diverse viewpoints and needs which they will have to interpret and communicate back to the development team. As an external facing role, the student will need to be able to demonstrate the appropriate professional communication practices when working with our customers and internal stakeholders as well.

● Collaboration

- Able to work within a team
- Able to adapt to new/changing situations
- Commits and contributes equitably to shared group or organisational goals
- Contributes to conflict resolution within groups, balancing individual and group goals
- Demonstrates intercultural fluency in working with diverse groups

The student will assist the senior product manager, technology lead and director with bridging our development team with industry users of our platform. They need to be able to communicate (both written and orally) to present the ideas and best use cases of the platform to the industry users. As well, they will need to be able to represent the customer's needs to our internal developers so that the groundwork for future development is clearly laid out. Since there various use cases for the platform, the student will be interacting with individuals with diverse viewpoints and needs which they will have to interpret and communicate back to the development team. The student will need to be able to demonstrate the appropriate professional communication practices when working with our customers, external stakeholders, and internal stakeholders as well.

Role-specific Competencies:

● Storytelling with Research & Data

- Uses a range of methods to collect and analyse data
- Uses data to gain insight and inform decision making
- Uses reasoning and critical thinking to interpret data
- Able to organise data and information effectively
- Able to evaluate data integrity and credibility
- Able to communicate complex information effectively

The responsibilities of the student include participating in market research and industry subject matter expert interviews. The student will learn to use a range of methods to be able to collect the data required to develop a business model for the real estate project. The insight they gain from the market research and interviews will be used to inform decision making on the business process and the direction of the project going forward. The student will need to use critical thinking to be able to evaluate the integrity and credibility of the data, and interpret it to communicate it in an effective way to the director, manager, and technical lead to inform their decisions going forward.

● Personal Management & Responsibility

- Prioritises and manages time effectively in completing tasks
- Demonstrates accountability for actions and decisions
- Able to give and receive constructive feedback, and act on feedback
- Demonstrates a willingness to continuously learn and grow Demonstrates a willingness to continuously learn and grow
- Reflects on the impact one's decisions have on self and others

The student will be part of a larger development team working towards building a blockchain business solution for the real estate market. The team will consist of the director and manager of the CRL, the technical lead, and various other researchers and developers. Their role is to assist in the preparation of the project and technical

documentation as well as liaison between the external users and internal team. They will need to manage time effectively to ensure that timelines are met for funding proposal preparations and submissions as well as the timelines set for the project to achieve the goals.

The student will need to be able to give constructive feedback to the development team based on their interaction with the external customers. As well, they will need to be able to take feedback on our platform from the customer as well and be able to act on it to achieve their goals. Because the CRL is working with emerging technologies, the student will need to demonstrate a willingness to continuously learn and grow with blockchain technology to stay up to date with customer needs and the technology that the development staff uses.

Responsibility Breakdown:

Funding Proposal Preparation and Submission - 30%

Research Support (Data collection, analysis) - 30%

Market Research/Business Process Identification - 20%

Special Projects - 20%

Staff Supervision:

- Checkpoint meetings throughout the employment
- Regular one-on-one meetings
- Regular team meetings
- Goal setting exercises
- Performance Reviews

Skills Required:

Academic:

- Good oral communication
- Good written communication
- Group facilitation
- Knowledge of computer software
- Managing Information
- Presentation skills
- Problem solving and thinking
- Research and use of numbers
- Technical skills

Personal Management Skills:

- Being responsible and accountable
- Goal setting
- Positive attitude and behaviours
- Task initiative
- Time management

Teamwork Skills:

- Contribute to team goals
- Event and project planning
- Office administration skills
- Participate in projects and tasks
- Respect differences
- Work well with others

Technical or Software Knowledge Required:

Microsoft Office, Google Suites, Zoom, etc

We appreciate your interest in this position, however, only the candidates selected for an interview will be contacted.