



EXPERIENCE VENTURES



UNIVERSITY OF CALGARY
Hunter Hub for Entrepreneurial Thinking

Experience Ventures Fall 2026 Projects

This Fall, 20 Experience Ventures Projects are giving UCalgary undergraduate students the opportunity to put their skills into practice with real organizations. From AI and healthcare to engineering, marketing, sustainability and more, there's a project for every kind of learner. Explore the Project Guide to find the opportunity that matches your interests, skills and goals.

Host Organization	Project Description
ADRO / DeepTern AI	ADRO is a Calgary-based digital advertising marketplace that turns TVs and monitors in local businesses into a network for affordable, location-based advertising. Local businesses can advertise in places their customers already visit, while participating businesses can create new value from screens they already have. Students will work directly with the founders and real Calgary businesses to help ADRO grow both sides of its marketplace. Students will identify potential screen partners and advertisers, build and manage prospect lists, conduct outreach by email, telephone, LinkedIn, and virtual meetings, support demonstrations and onboarding, and track which messages and approaches generate the strongest response. The project will result in real customer acquisition activity and an evidence-based growth playbook that ADRO can continue using after the placement. Students will build practical skills in business development, customer engagement, sales, market research, professional communication, and data-informed decision-making. Looking for 1-2 students

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Project Description

AKO Precision Solutions Inc.

AKO Precision Solutions Inc. (APS) is a Calgary-based deep-technology company developing advanced systems that help monitor pipelines and other critical infrastructure. Its technology combines fibre-optic sensing, data analysis, and artificial intelligence to help operators identify potential risks earlier and improve infrastructure safety and reliability.

APS is offering three distinct student projects. Depending on the project, students may help strengthen the company's corporate governance and investment readiness; develop a full-stack pipeline monitoring and analytics platform using simulated sensor data; or build financial models, investor materials, and an investor outreach system to support seed financing. These projects provide very different experiences, ranging from software development and data visualization to finance, governance, business strategy, and investment readiness. Students will work directly with APS leadership on defined deliverables that support the company's next stage of development.

Looking for 2-5 students

Aurora Fluid Systems

Aurora Fluid Systems develops innovative technologies that improve the performance and reliability of fluid control systems used across a variety of industries. The company designs advanced testing solutions that help customers create safer, more efficient, and higher-performing products.

Students will work as part of a multidisciplinary engineering team to design and develop an automated valve testing platform. Depending on their role, students will contribute to equipment design, automation, software development, instrumentation, testing, and data analysis.

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Project Description

Aurora Fluid Systems

Team members will work together to build and integrate different components into one complete system while gaining hands-on experience with the engineering design process. This project provides an opportunity to apply classroom learning to a real engineering challenge while developing practical technical, problem-solving, and teamwork skills.

Looking for 5 students

Big Boy Roofing

Big Boy Roofing (BBR) is a Calgary-based exterior services company specializing in roofing, siding, gutters, and commercial lighting. By combining skilled trades with modern technology, strong customer service, and innovative business practices, BBR is expanding into new markets while helping homeowners and businesses protect and improve their properties.

Students will work directly with the founders on one of four business-focused projects that support the company's continued growth. Depending on the project, students may develop marketing campaigns, research commercial markets, build customer outreach strategies, identify new business opportunities, or analyze competitors and industry trends. The work completed by students will help guide future business decisions while supporting the launch and growth of BBR's expanding services. Throughout the placement, students will gain practical experience in marketing, business development, market research, communication, and strategic planning.

Looking for 4 students

Brain Care Technologies

Support the development of a Cognitive Health Wellness Clinic model through applied research, outreach, and analysis. Gain experience in healthcare innovation, stakeholder engagement, and agile project management.

Looking for 3-5 students



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Project Description

Carivion

Carivion is a Calgary technology startup developing artificial intelligence that can inspect vehicle damage using photos taken with a smartphone. The company's technology helps make vehicle inspections faster, more accurate, and more consistent for insurance companies, dealerships, rental companies, fleets, and vehicle owners.

Students will join either the technical or business team, depending on their background and interests. Technical students will help improve the company's AI model by refining image datasets, testing computer vision models, and measuring performance improvements. Business students will support the company's growth by researching funding opportunities, building customer relationships, and assisting with customer outreach and commercialization activities. Students will work directly with Carivion's leadership team while gaining practical experience contributing to a real AI product used to solve everyday business challenges.

Looking for 5 students (4 technical, 1 business)

CraftXR

CraftXR is a Calgary Health EdTech startup using artificial intelligence and virtual reality to improve clinical communication training for future healthcare professionals. Their platform helps colleges and polytechnic institutions prepare students for real-world healthcare environments through immersive learning experiences.

Students will support the company's go-to-market strategy by researching North American health education programs, identifying potential customers, analyzing competitors, and creating sales and marketing materials. The project also includes learning how an early-stage startup builds relationships with customers and prepares for growth. Students may observe customer meetings, help document the sales process, and create resources that support future business development. This placement offers valuable experience in market research, business strategy, communications, and startup growth within the rapidly growing health technology sector.

Looking for 1 student

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Project Description

CRE Tour de Force

CRE Tour de Force is an AI-powered digital platform designed for the commercial real estate industry. The platform helps brokers, property owners, investors, and tenants connect with accurate property listings, market information, and industry professionals in one easy-to-use location.

Students will help prepare the company for its Calgary market launch by researching the commercial real estate industry, identifying target customers, analyzing market opportunities, and developing a marketing and communications strategy. The project also includes building industry databases, exploring customer needs, and designing a creative campaign that encourages professionals to engage with the platform. Students will gain practical experience in market research, customer segmentation, marketing strategy, and startup commercialization while contributing to the launch of an innovative digital platform.

Looking for 1-2 students

CubeSource

CubeSource Space Inc. designs and distributes satellite hardware that deploys sensors, solar arrays, and other payloads once in orbit. Its customers include researchers, agencies, and startups working in the growing space economy.

Students will support the launch of CubeSource's new deployable solar arrays through a multidisciplinary project with technical and business pathways. Technical students will research the tests required to ensure the hardware is "Space Ready," identify testing equipment and processes, and compare the cost of in-house testing with external providers. Business-focused students may develop a marketing campaign, sales funnel, customer relationship management approach, and go-to-market strategy. The project will help CubeSource strengthen both its testing strategy and commercial launch while giving students experience in technical research, cost analysis, commercialization, marketing, and product strategy.

Looking for 2-5 students

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Project Description

ETHEREAL Research

ETHEREAL Research is a social-impact technology venture developing inclusive communication tools with and for nonspeaking autistic people. Our current focus is HoloBoard, a mixed-reality system designed to help nonspeaking individuals practise typing, communicate more independently, and receive individualized support from family members, educators, and communication partners.

Project: We are seeking a team of undergraduate students to help advance the mixed-reality HoloBoard from its current version toward broader use in homes, schools, and community settings. Depending on their backgrounds, students may contribute to software development, interface and accessibility improvements, user personalization, testing, onboarding resources, stakeholder and market research, or communication and outreach materials.

Looking for 3-5 students

FedEMR.ai

FedEMR.ai is a University of Calgary spin-out developing privacy-preserving artificial intelligence for healthcare. Its platform allows hospitals and healthcare organizations to develop and test AI models together while keeping sensitive patient information securely within each organization.

Students will help FedEMR.ai explore how to bring its platform to healthcare and research organizations. The project includes researching how hospitals, health systems, clinics, research institutions, and private companies purchase and approve new technology; analyzing competitors; exploring pricing and licensing options; and identifying conferences and knowledge-sharing opportunities. Students may also support website updates, brand alignment, and digital communications. Through this project, students will help FedEMR.ai make informed decisions about how it presents, prices, and brings its technology to market while developing practical skills in research, business strategy, communication, and healthcare innovation.

Looking for 4 students



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Project Description

Inflamed Brain Alliance

Inflamed Brain Alliance (IBA), Canada's only national registered charity dedicated to improving awareness, education, research, and support for people affected by PANS and PANDAS. PANS and PANDAS are inflammatory brain conditions that can cause the sudden onset of symptoms such as obsessive-compulsive behaviours, severe anxiety, tics, eating restrictions, and other significant changes in behaviour and cognition following an infection or other immune trigger. PANS stands for Pediatric Acute-onset Neuropsychiatric Syndrome, while PANDAS refers to Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections. These conditions remain significantly under-recognized and misunderstood in Canada. Through education, research, advocacy, and peer support, we work to improve recognition and build a stronger support network for affected individuals and families. Students will contribute to a number of IBA initiatives including: digital growth strategy, AI & technology innovation, community growth & national engagement, sustainable revenue & impact, and 2027 national conference preparation.

Looking for 4 students

Just One Move

Just One Move.ca is Canada's first interactive digital platform designed to help people living with arthritis become more physically active. Using behavioural science and user-centred design, the platform encourages people to improve their health by taking one small step at a time.

Students will work in teams on one of two projects. The first project focuses on putting an existing national marketing strategy into action by creating marketing materials, delivering content, and evaluating the campaign's reach and impact. The second project focuses on commercialization by testing different pricing and revenue models to help identify the best path for future growth. Both projects provide students with the opportunity to work closely with the Just One Move team while developing practical skills in marketing, business strategy, customer research, and entrepreneurship.

Looking for 2-3 students

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Project Description

Lunate Labs

Lunate Labs is an Alberta-based health technology venture developing Mirra Call, an AI-powered rehabilitation coaching device for occupational and physical therapy. The system provides real-time, in-home movement coaching and progress tracking for older adults and people recovering from injury.

Students will help Lunate Labs validate its pricing and go-to-market strategy as Mirra Call moves from pilot testing toward paid deployment. The team will research comparable products across health technology, rehabilitation, medical technology, and senior care; explore willingness to pay across different customer groups; compare pricing and licensing models; conduct light market sizing; prioritize buyer segments; and refine messaging for different customers. Students will turn their findings into practical recommendations that support future commercialization while developing skills in market research, pricing strategy, customer discovery, business modelling, and communication.

Looking for 3-5 students

MHCombiotic

MHCombiotic Inc. is a Calgary biotechnology company developing ComBatic™, an innovative wound-care platform designed to improve the treatment and healing of wounds. As the company prepares to bring its technology to market, it is building relationships with healthcare organizations, clinicians, distributors, and industry partners across Canada.

Students will help identify and connect with hospitals, wound-care clinics, pharmacies, long-term care organizations, distributors, and healthcare associations across Canada. The team will research potential partners, build a customer relationship database, support outreach using approved communication materials, and track responses to help identify the strongest opportunities for future partnerships.

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Project Description

MHCombiotic

Students will also analyze feedback and prepare recommendations that help guide the company's commercialization strategy. This project provides valuable experience working with an innovative biotechnology company while developing skills in research, stakeholder engagement, communication, and business development.

Looking for 3 students

O-Two Carbon

O-Two Carbon Inc. is a Canadian clean technology company developing an innovative process that converts captured carbon dioxide into sustainable industrial chemicals. Their first product, formic acid, has applications in agriculture, energy, pharmaceuticals, water treatment, and other industries. The company is working to create a more sustainable, locally produced alternative for a product that is currently imported into Canada.

Students will build on the company's existing market research by connecting directly with distributors and potential customers across Canada. The project includes conducting customer interviews, validating market information, identifying customer needs, researching pricing and supply chains, and exploring which industries offer the best opportunity for market entry. Students will analyze their findings and provide recommendations that help guide the company's commercialization strategy. This placement offers practical experience in customer discovery, market validation, stakeholder engagement, and clean technology innovation.

Looking for 2 students

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Project Description

PRISM

PRISM is a collaborative research initiative involving the University of Calgary's Department of Surgery, Schulich School of Engineering, and STARS Air Ambulance. The project explores how information collected before a patient arrives at hospital can be communicated to the receiving healthcare team in a more useful and accessible way.

Students will work as a multidisciplinary team across complementary project roles: research and requirements, stakeholder consultation, interface design, and prototype development. Students will consult virtually with clinicians and paramedics, identify what information different healthcare professionals need, translate those insights into interface requirements and designs, and build a responsive prototype for phone, tablet, and desktop use. No patient information is involved. The project provides experience in healthcare research, stakeholder engagement, human-centred design, software development, iteration, and multidisciplinary collaboration.

Looking for 4 students

Rain ERP

Rain ERP is a Calgary software startup developing an AI-powered enterprise resource planning platform that helps businesses manage operations more efficiently. The company is building technology that allows AI agents to safely complete business tasks such as purchasing, inventory management, scheduling, and other operational processes while following company rules and approvals.

Students will explore how artificial intelligence can automate complex business workflows within an ERP system. The project includes researching AI agent design, developing a prototype that can complete representative business tasks using test data, evaluating system performance, and recommending improvements for future development. Students will work closely with the founding team to solve real software architecture challenges while gaining experience in artificial intelligence, software design, systems thinking, and product development. This project focuses on research and prototyping.

Looking for 1 student

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See Local

Project Description

SeeLocal is building a marketplace that connects travelers, locals, organizations, and groups with authentic, locally-led experiences across Alberta. Students will support marketplace growth through a combination of market research, B2B sales validation, operator outreach, partnership development, CRM management, website development support, SEO and content development, experience onboarding, and the exploration of AI-enabled tools and workflows that connect front-end user experiences with back-end operations.

Key Activities could include

- Research Alberta experience operators and tourism businesses
- Build and maintain operator and prospect databases
- Conduct operator outreach and partnership development
- Support B2B sales validation and lead generation
- Develop and manage CRM systems and workflows
- Create operator profiles and experience listings
- Produce SEO content, destination guides, and experience profiles
- Support website content updates, user experience improvements, and marketplace growth initiatives
- Identify tourism, community, and destination partnership opportunities
- Research and evaluate AI applications to support marketplace growth
- Support front-end and back-end operational processes

Looking for 2-5 students

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Project Description

SyncMed Technologies

SyncMed Technologies is a Calgary health technology company developing EMS2ED, a digital platform that improves communication between paramedics and emergency department teams during patient handover.

Students will work as a team to create a complete onboarding and training program for EMS2ED. The project includes researching how paramedics and emergency department nurses use the platform, developing learning materials, creating quick-reference guides, designing self-paced training modules, and building resources that help new users confidently adopt the technology. Students will work directly with experienced healthcare professionals while contributing to the successful launch of an innovative digital health solution. This project combines healthcare, education, communication, and human-centred design in a real-world startup environment.

Looking for 3 students

The Distinct Voice

The Distinct Voice is a Calgary-based social enterprise dedicated to supporting children and youth with ADHD through education, communication, advocacy, and accessible resources. The organization is working to remove barriers by creating practical tools and services that help families, educators, and communities better understand and support neurodiverse learners.

Students will contribute to one of two exciting projects. The first project focuses on designing and developing an accessible, ADHD-friendly website that reflects best practices in inclusive design and user experience. The second project focuses on researching funding opportunities, evaluating sustainable revenue models, and developing a long-term funding strategy to help the organization expand its impact. Students will work closely with the founder while gaining practical experience in accessibility, research, communications, business strategy, and social innovation. Their work will help strengthen an organization that is creating meaningful change.

Looking for 2 students

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Project Description

The Nature Cleaning Products

The Nature Cleaning Products is a Canadian company creating environmentally friendly cleaning solutions that help people care for their clothing, equipment, and homes while reducing waste. Their newest innovation focuses on keeping clothing and gear fresh between washes, helping consumers extend the life of their belongings while reducing water and energy use.

Students will work together to help launch this new product category. Depending on their interests and background, students will support market research, customer engagement, marketing campaigns, product testing, or scientific research into product performance. The team will help identify target customers, test marketing messages, evaluate customer feedback, and recommend strategies that support future product growth. Students will experience how research, science, business, and marketing come together to launch an innovative consumer product.

Looking for 3 students

United Way/ Technology Helps

Help tackle one of Calgary's growing social challenges: digital exclusion. United Way of Calgary and Area (UWCA), in partnership with the University of Calgary and Technology Helps, is seeking students to support a strategic project focused on expanding equitable access to technology for low-income and equity deserving Calgarians. The digital equity program supports hundreds of refurbished computers have already been distributed to community members, but the next challenge is determining how to scale and sustain this work for greater impact.

As part of this project, students will work closely with Technology Helps and United Way to explore partnership models, scaling and sustainability strategies, and opportunities to strengthen Calgary's digital equity ecosystem.

Looking for 2-4 students

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VELO Tech Innovation

Project Description

VELO Tech Innovation is a Calgary-based technology startup building an AI-powered travel discovery platform that helps travelers discover unique destinations, experiences, and tourism services. By combining travel content, data, and AI, VELO is exploring a new approach to travel discovery and how tourism businesses reach the right customers.

Students will work directly with our founding team on real product, technology, and growth challenges. Depending on their background and interests, students may contribute to:

Product & Technology

- Identify system and workflow bottlenecks and develop process improvements for scalability and maintainability.
- Research and contribute to AI-powered algorithms and recommendation capabilities.
- Help establish the data foundation for analytics, product intelligence, and future AI capabilities.
- Improve UI/UX across existing and new product features.

Business & Growth

- Research and develop strategies for effective distribution and customer acquisition.
- Study the behaviors, needs, and decision-making patterns of our ideal customer profile (ICP).
- Develop strategies for supplier growth, regional expansion, and marketplace development.

This placement offers hands-on experience in AI, data, product development, entrepreneurship, customer research, business strategy, and travel technology, with the opportunity to directly influence a growing startup.

Looking for 2-4 students

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Vision3x

Project Description

Vision3x is a Calgary deep technology startup developing Canadian-designed, AI-powered 3D vision sensors for drones and autonomous systems. The company is creating technology that helps machines better understand and navigate the world, with applications in robotics, transportation, defense, and other emerging industries.

Students will have the opportunity to contribute to one of three projects, depending on their interests and background. Software students will evaluate artificial intelligence models used for real-time object detection. Engineering students will help build and test embedded hardware systems for AI-powered sensors. Business students will research markets, identify potential customers, and develop marketing materials that support future commercialization. Working directly with the founding team, students will contribute to cutting-edge technology while developing practical experience in artificial intelligence, engineering, market research, product development, and startup innovation.

Looking for 5 students

Found a project that interests you? Take the next step.

Experience Ventures Projects are an opportunity to apply what you're learning, build career-ready skills and contribute to meaningful work with a real organization. Choose the project that speaks to you and turn your skills into hands-on experience.

Apply today!

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