



2024 i2Build Founders





Albin Joseph PhD Student College of Engineering Department of Mechanical Engineering

A solar-based carbon capture process to help companies achieve net zero targets.





Atabak Mehrabani
Masters Student
College of Engineering
Department of Biomedical Engineering



Sara Jafarian Undergraduate Student Edwards School of Business

Team/Venture: ErgoAssist

A wearable posture-detection system that helps prevent musculoskeletal disorders.





Amirreza Mahmoudi

PhD Student
College of Engineering
Department of Mechanical Engineering

Team/Venture: PurityTech Global

A patented smart thermal distillation system to supply clean drinking water.





Behzad M. Toosi
Faculty
College of Western College of
Veterinary Medicine
Small Animal Clinical Sciences



Deepak Lakhanpal

Team/Venture: AICENE

An AI platform that detects early-stage cancer in pets using blood samples.





Branden Neufeld
PhD Student
College of Arts and Science
Department of Biology



Philip McLoughlin Faculty College of Arts and Science Department of Biology

Team/Venture: NewField Imaging

Aerial imaging service with smart sensors for wider coverage at higher speeds for farming and forestry industries.





Colby Larson
Undergraduate Student
College of Agriculture and
Bioresources
Department of Soil Science



Matthew Resendes
Undergraduate Student
College of Agriculture and
Bioresources
Department of Soil Science

Team/Venture: Prairie Prototyping

A 3D-printed compostable planter designed for plant regeneration and environmental resilience.





Jonathan Matakura Undergraduate Student

College of Arts & Science
Department of Computer Science

Team/Venture: Cresco Agritech Solutions

An advanced, remote grain bin monitoring system for farmers.





Kara Friesen

Masters Student
College of Agriculture and Bioresources
Department of Food Science

Team/Venture: Cultured Bites

Tempeh plant-based protein products made with Saskatchewan pulses and grains.





Kapil Khandelwal

PhD Student
College of Engineering
Department of Chemical and

Department of Chemical and Biological Engineering

Team/Venture: NutraMate

An automated prescription management system for pharmacies.





Muhammad Omar Asim
Undergraduate Student
College of Arts and Science
Department of Computer Science



Mandeep Singh Bawa Undergraduate Student College of Arts and Science Department of Applied Computing

Team/Venture: AgriReach Inc.

A surplus marketplace that connects farmers and consumers to optimize supply chains and reduce food waste.





Naveen Diddi
USask Staff
College of Arts and Science
Department of Chemistry



Suzanne AbramsAdjunct Professor
College of Arts and Science
Department of Chemistry

Team/Venture: ABAzyne Bioscience Inc.

A patented compound for plant growth regulation helping manage various stressors and climate extremes.





Stephen Zettl

Masters Student College of Engineering Department of Mechanical Engineering

Team/Venture: Sask Shrimp Ltd.

Aquaculture feed that does not break down in the water helping mitigate disease and reduce filtration costs.





Vinay Sangati
Postgrad Student
Sask PolyTech
School of ICT - Cyber Security



Christas Samuel
Postgrad Student
Sask PolyTech
School of ICT - Cyber Security



Elias Hassani PhD Student College of Engineering Department of Electrical Engineering

Team/Venture: Secure Site Al

An Al-powered surveillance system to deter shoplifting using video analytics.