

# AI4Good Lab

## 2024 Demo Day

### SCHEDULE

9:30 - 10:00 AM

**BREAKFAST**

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10:00 - 10:10 AM

**OPENING REMARKS**

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10:10 - 11:25 AM

**PROJECT PRESENTATIONS**

Rapid-fire 3 minute presentations from each of the 17 teams.

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11:25 - 11:35 AM

**COFFEE BREAK**

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11:35 AM - 1:00 PM

**PROJECT BOOTH PRESENTATION**

Explore the project in-depth by visiting the project booths, which are set up both in-person and online.

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1:00 - 2:15 PM

**LUNCH BREAK**

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2:15 - 2:30 PM

**REFLECTIONS FROM PARTNERS**

Speakers from Program Host and Delivery Partners

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2:30 - 3:00 PM

**CLOSING REMARKS & AWARDS**

Keynote from Mila VP of Talent and Ecosystem, Émélie Brunet and announcement of AI4Good Lab Accelerator Award winners.

# AI4Good Lab.

## 2024 Demo Day

### EDMONTON PRESENTATIONS



#### FireWatch

Utilizing advanced machine learning models to predict wildfires and create real-time heat maps and evacuation plans, ensuring the safety and preparedness of vulnerable communities.

#### TEAM

Smriti Hari  
Masha Antoshkina  
Harneet Kaur Tatla  
Kashish Aggarwal  
Angelica Vasquez

#### TA

Ning Shi

#### MENTOR

Priya Kasimberg



#### SightMap.ai

A comprehensive AI assistant tool to aid visually impaired individuals understanding and navigating their surroundings.

#### TEAM

Zahra Ebrahimi Jouibari  
Sevy Veeken  
Mira Patel  
Destiny Bailey

#### TA

Jake Tuero

#### MENTOR

Ankit Anand



#### DermAIInsight

An AI-powered tool designed to revolutionize the detection of skin diseases and cancers, with a focus on providing accurate diagnoses for people of colour. By leveraging advanced machine learning algorithms trained on a diverse dataset, DermAIInsight aims to provide early and accurate diagnoses, improving health outcomes and ensuring equitable care.

#### TEAM

Precious Ajilore  
Koyinsola Titiloye  
Candy Nwigwe  
Eman Moussa  
Katherine Cholowski

#### TA

Rohini Das

#### MENTORS

Mahtab Farrokh

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## 2024 Demo Day

### MONTREAL PRESENTATIONS



#### DegentrifAI

An interactive map that predicts which neighbourhoods in Montreal are most at risk of gentrification in the coming years.

#### TEAM

Emily Hong  
Theresa Quan  
Luth Gallemaso  
Emilie Nuyttens  
Nastaran Alizadeh

#### TA

Ali Saheb Pasand

#### MENTORS

Samira Ebrahimi Kahou  
Anna Richter



#### unblAsed.Rx

An AI-powered platform for drug information and sex-based adverse reaction alerts, promoting greater awareness of pharmaceutical disparities, equitable research practices, and enhanced drug safety.

#### TEAM

Aimee Tran Ba Huy  
Jada Thompson  
Mitia Andrieux  
Le Thuy Duong Nguyen  
Ana Gordon

#### TA

Prakhar Ganesh

#### MENTOR

Tyler Jackson



#### whatsit

Whatsit is a AI communication assistant tool that aims to help those who suffer from aphasia regain their ability to communicate fluidly. This application predicts the word that people with aphasias cannot come up with, empowering communication of millions worldwide.

#### TEAM

Sasha Nuttall  
Elsana Kanybek  
Iris Wang  
Em Hughes  
Suhaylah Carim Bacor

#### TA

Maneesha Dendukur

#### MENTOR

Owen He

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### MONTREAL PRESENTATIONS



#### GUIDO

GuidO empowers the visually impaired to navigate Montreal's streets more independently. By identifying cross, T, and offset intersections, GuidO provides detailed crossing information, ensuring safe and confident navigation throughout the city. Be your own guide, use GuidO.

#### TEAM

Luna Tsai  
Amélie Beaudin  
Mai Ababneh  
Shuning Liu  
Tiffany Wong Wong Cheung

#### TA

Hugo Berard

#### MENTOR

Eser Aygün



#### The Subtleties of Privacy Protection: A Response to Québec's Bill 3

A call to action in response to Bill 3 for the Québec government to provide more rigorous privacy guidelines to researchers making use of public health and social services data.

#### TEAM

Cleo Norris  
Elizaveta Sycheva  
Abby Buller  
Gozal Farrokh  
Léa Leclerc

#### TA

Padideh Nouri

#### MENTOR

Daniel Toyama

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## 2024 Demo Day

### TORONTO PRESENTATIONS



## Brig.ai

### Brig.ai

Preventing diagnostic delay for Endometriosis and PCOS by informing women of their most effective diagnostic tests based on their symptoms. Brig.ai bridges the gap between medical professionals and patients.

#### TEAM

Shabicha Sureshkumar  
Doris Zhang  
Sohee Goo  
Lauren Yip  
Emem Edem

#### TA

Raiyan Rahman

#### MENTOR

Tahniat Khan



### PrecisionMD

PrecisionMD is a software that utilizes a machine learning model to create a personalized medicine tool for doctors. For a patient diagnosed with depression, it predicts the most effective antidepressant based on their genetic makeup and demographics, to maximize treatment success rates.

#### TEAM

Isha Baxi  
Jiya Patel  
Huda Cheema  
Linnea Moras  
Meryem Karayunusoglu

#### TA

Eptehal Nashnoush

#### MENTOR

Joud El-Shawa

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## 2024 Demo Day

### TORONTO PRESENTATIONS



#### Crave

Crave is an innovative period tracker app that predicts your menstrual cycle, identifies your current phase, and offers personalized food recommendations to enhance women's health and well-being.

#### TEAM

Grace Liu  
Sophy Sun  
Amelie Korzec  
Gurveen Sahni  
Amrita Deol

#### TA

Mehjabin Rahman

#### MENTOR

Gintare Karolina Dziugaite



#### HuggingMind

Our AI-driven mental health chatbot provides university students with 24/7 personalized support, utilizing advanced language models and university-specific mental health resources.

#### TEAM

Bailey Luu  
Jing Yu  
Thuy Le  
Kimia Khakzad Shahandashti

#### TA

Yasaman Ahmadiadli

#### MENTOR

Abbas Mehrabian



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## 2024 Demo Day

### VIRTUAL PRESENTATIONS



ENIGMA

#### Enigma

Pupil Reaction Predictor in Cataract Surgeries

#### TEAM

Sophia Yang  
Shreya Kakachery  
Shaza Ghawanmeh  
Medha Barath  
Mylan Nguyen  
Shruti Predhe

#### TA

Pengyue (Steven) Hou

#### MENTOR

Luyu Wang



**CrowdGuard**

Your dedicated community guard

#### PANDO

CrowdGuard: Your dedicated community guard, designed to predict and prevent crowd-related disasters.

#### TEAM

Dorothy Lee  
Ayesha Halim  
Nazanin Mehregan  
Olivia Langhorne  
Pearl Parkn

#### TA

Yimei Yang

#### MENTOR

Jacob Junqi Tian



#### Save & Serve

Saving time, money, and food to serve culturally diverse communities, empowering them to take control of their nutrition and foster a sustainable, inclusive food ecosystem.

#### TEAM

Felicia Jiang  
Mrinal Goshalia  
Srika Ponnayolu  
Chenyi Xu  
Iris Wu  
Mehrnaz Hooshmand

#### TA

Samridhi Vaid

#### MENTOR

Timur Lugev

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## 2024 Demo Day

### VIRTUAL PRESENTATIONS



#### OvaTech AI

Empowering women with predictive insights, our app leverages machine learning to predict the likelihood of PCOS by analyzing patient symptoms & ultrasound images, offering personalized health tracking and seamless interaction between patients and healthcare providers.

#### TEAM

Sharon Musa  
Erika Tian  
Frances Igwe  
Nataniella Ogogo  
Colleen Cipriano  
Chloe Zandberg

#### TA

Andjela Mladenovic

#### MENTOR

Sedef Kocak



#### SpineCARE

The AI in AIS: A tool designed to support individuals on their journey with adolescent idiopathic scoliosis, utilizing artificial intelligence to monitor spinal curvature.

#### TEAM

Katie Sun  
Mary Kong  
Aina Merchant  
Negareh Mahboubi  
Grace Gao  
Alicia Zhang

#### TA

Paige Tuttösi

#### MENTOR

Diana Moyano