

Global Student Entrepreneurship Challenge Finalists



Chitomics - Vienna, Austria

Michael Egermeier, Dominik Jeschek, Alexander Kollmann, Laura De Sousa
Vienna University of Technology

Chitomics is an Austrian start-up specialized in the eco-friendly, sustainable, and vegan production of chitosan, a valuable biopolymer. Chitosan is one of the major chemicals used in the pharmaceutical industry, the cosmetic sector, and the food and beverages industry. In the future the demand will radically increase. Product availability will become limited due to the traditional production process, which is based on shrimp shells and other waste products of the fishing industry. Chitomics provides a sustainable process based on microbes (especially fungi) to meet the increasing demand.



Cohex - Santiago, Chile

Maurizio Canessa, Luckas Fonck, Josefa Villanueva
Adolfo Ibáñez University

Cohex is a system designed to keep the perfect humidity level during fruit exportation, helping to reduce loss and improve fruit quality.



College Dough - Virginia, USA

Danielle Jeffers
Virginia Tech

College Dough is an all-in-one resource for students who are applying for scholarships to attend the college of their choice. Students can meet all deadlines with our project management system, find new scholarships in our database, and improve the quality of their submissions with our how-to library. College Dough is the perfect resource for students who want to earn scholarships, eliminate loans, and explore life!



Curos Labs - Vancouver, Canada

Tristan Burgoyne, Alexander Toews
University of British Columbia

Curos Labs is on a mission to empower people with chronic pain. Our first product, CheckPoint, is a mobile wellness application offering a hassle-free alternative to traditional pain journals. In addition to streamlining the pain-tracking process, CheckPoint leverages each user's personal history of activities and behaviors to identify actionable changes for an improved quality of life.



FlyingScarecrows - Trento, Italy

Giorgio Bertagnolli, Sofia Chimirri, Andrea Ferlini, Nicoletta Morra, Egle Andreina Rochira, Marco Zugliani
University of Trento

FlyingScarecrows is a start-up developing fully automatic drones for agricultural use. These drones help farmers prevent bird attacks by scaring them away through the use of acoustic repellents. Every time it takes off, the drone will follow different paths within the field, so birds are never accustomed to its navigation. The drone is also able to come back home and land precisely on its base station, thanks to GPS and image recognition techniques, as well as recharge autonomously.

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Nexenic - Zurich, Switzerland
Astrid Besmer, Reto Muhl, Claudio Ruiz Da Silva
ZHAW Zurich University of Applied Sciences

Nexenic is a startup company from Switzerland that strives to develop advanced and innovative solutions for daily life. Nexenic is currently developing a smart lunchbox that will revolutionize the way people enjoy their meals.



PAL'AGUA - Monterrey, Mexico
Liliana Salinas Aviñiga, Vanessa Abundis Correa, Sergio Herrera Flores, Daniella Gavica Marrufo
Tecnológico de Monterrey

PAL'AGUA focuses on the production of nopal tabs which are capable of purifying water from heavy metals, bacteria, and dirt. They are 100% natural, biodegradable, user friendly, low cost, and have a higher purification capacity than other purification systems.



Plann3r - Ghent, Belgium
Nicholas D'hondt, Ruben Meul
Ghent University

Plann3r is a smart scheduling solution that plans meetings in less than 30 seconds. Plann3r takes into account your existing calendar data, location, travel time, and personal preferences.



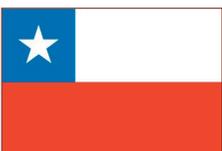
Prognitive - Bangkok, Thailand
Thanat Laphawan, Sirijet Simsawas, Pat Tientongdee
King Mongkut's University of Technology Thonburi (KMUTT)

Prognitive presents EVA. EVA is a cloud-based automatic karyotyping application that applies both machine learning and image processing to automate tasks. The results created from EVA are generated and approved by the user.



Recomendado.ec - Quito, Ecuador
Diego Merino, José Vizcaíno
Universidad San Francisco de Quito

Recomendado.ec is an electronic platform that allows the promotion of small businesses and provides security to users of these services.



Silent Hero - Santiago, Chile
Isaac Carrera, Cristóbal Cathalifaud, Esteban Cathalifaud, Cristian García, Andrés Navarrete
Pontificia Universidad Católica de Chile

Silent Hero is a service that measures and displays the vital signs and gas concentrations of firefighters and their surroundings, in order to provide more information to equip them to make better decisions, and ultimately save lives.

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SkyCam - Alexandria, Egypt

Ahmed Amer, Ahmed Fahmy, Nour Galaby, Ahmed Nour, Ahmed Youness

Alexandria University

SkyCam is a smart flying camera that is designed to take professional aerial footage in an easy and safe way from spectacular views.



Tekuma - Sydney, Australia

Annette McClelland, Michael Griffin

University of Technology, Sydney

Tekuma is revolutionizing drone control. Using the basis of a six-degree mouse we've tested our one-handed control method and found it inspires user confidence, allows faster task completion, and is actually a joy to use. It frees up a hand to control the drone's camera or other peripherals reducing time, cost, and personnel.



Todo - Kent, England

Daniella Golden, Saga Radh

University of Kent

Todo is an online platform for collaborative environmental volunteering with a connected web shop. With Todo, volunteers bring together skills to fundraise for environmental charities, while also gaining experiences valuable to future careers. Through website profiles, practitioners volunteer their skills and work with each other to create unique, self-led projects and products, which are then marketed and sold in the web shop.