Business

POSTER SESSION, 9:30am to Noon
Unity Hall 420

A Marketing Plan for an Alternative Method of Workplace Safety in the U.S Construction, Transportation, and Mining Industries Based on Real-time Impairment Detection
Franco Bazzini, Gevorg Khukeyan
Advisor: Edward Gonsalves
Sponsor: Sobereye

Analysis of Agricultural Development Opportunities in Buxton, Guyana
Abdoul Barry, Ralph Lambert, Michael Modine, Benjamin Sseruwagi
Advisors: Walter Towner, Harold Walker (CEEV)
Sponsor: Kristophe Zephyrin

Analysis of Stigma Towards the Mental Health Discussion via Social Media
Mark Buono, Rachelle Gonzales, Jada Hinds-Williams, Josephine Kim
Advisors: Adrienne Hall-Phillips, Nima Kordzadeh, Jeanine Skorinko (SSPS)

Analyzing Housing Market Trends with Data and External Factors
Alex Bolduc, Reagan Brunelle, Aleksander Proko, Yueting Zhu
Advisors: Robert Sarnie, Michael Elmes, Marcel Blais (MA), Wilson Wong (CS)
Sponsor: Angelo Gordon

Chaos Engineering for Cloud Resiliency
Nestor Lopez, Renee Sawka, Olivia Scola
Advisors: Robert Sarnie, Wilson Wong (CS)
Sponsor: State Street Financial

Continuing Development of a Cloud – Based Enterprise Resource Planning System for Gompei's Goat Cheese
Gabrielle Acquista, Victoria Buyck, Benjamin Sakac, Sohrob Yaghouti
Advisors: James Ryan, Michael Engling (CS)
Sponsor: Gompei's Goat Cheese

Design of WPI Townhouses
Christopher Cavallaro, Aidan Murphy, Thijs Seppenwolde, Nicholas Willey, Noah Willey
Advisors: James Ryan, Nima Rahbar (CEAE), Jessica Rosewitz (CEAE)
Sponsor: Worcester Polytechnic Institute

Developing Marketing Recommendations for the LEAP at WPI/QCC
Gabrielle Puchovsky, Lilly Proulx
Advisors: Walter Towner, James Eakin (LEAP)
Sponsor: Worcester Polytechnic Institute

Development of Predictive and Prescriptive Analytical Models Using Customer, Revenue, and Usage Data
William Bazakas-Chamberlain, Abigael Kihu, Michael O’Connor, Shiyu Wu
Advisors: Robert Sarnie, Marcel Blais (MA), Wilson Wong (CS)
Sponsor: SaasWorks

Efficiency Analysis of Partner Organizations: Poverty Stoplight
Kayla Brown, Rebecca Noris, Catherine Salvaggio, Hayden Smith
Advisors: Andrew Trapp, Ryan Madan (PW), Daniel Reichman (CS)
Sponsor: Poverty Stoplight

Evaluating Economic Feasibility and Design of Modular Production Systems in the Steel Industry
Elise Deshusses, Aaliyah Royer, Kenneth Savage, Advait Surana
Advisor: Sara Saberi
Sponsor: Gen-H

Evaluating Quality, Environmental Impact, and Economic Sustainability In Support of Benchmarking Efforts At Twelve Guns Brewing
Domenic DiCenso, Danta Coccagnia, Mary Suckow
Advisors: Edward Gonsalves, Walter Towner, Aaron Sakulich (CEAE)
Sponsor: Twelve Guns Brewing

Fidelity: AI Based Anomaly Detection
Aruzhan Koshkarova, Nathan Kumar, Mitchell Sirois, Austin Zhou
Advisors: Robert Sarnie, Marcel Blais (MA), Wilson Wong (CS)
Sponsor: Fidelity Investments

Improving the Shipping & Receiving Process at Sjogren Industries Inc.
Isabella Landivar, Rayna Sharma
Advisor: Renata Konrad
Sponsor: Sjogren Industries Incorporated
Management Engineering Analysis of WPI Lunabotics
Engineering Team
Jaden Meng, Corey Logan
Advisors: Walter Towner, Kenneth Stafford (RBE)
Sponsor: Worcester Polytechnic Institute

Manufacturing Process Standardization at Affordable Interior Systems
Brianna Ankstitus, Martin Carrau, Malyssa Deranian, Heather McGlaunflin, Cherylle Eliza Sabilla
Advisor: Walter Towner
Sponsor: Affordable Interior Systems

Process Improvement at Saint-Gobain
Nicole Logrecco, Holly Mason, Irune Sesma Matamoros, Gabriel Tamayo Uribe
Advisor: Sharon Johnson
Sponsor: Saint-Gobain Abrasives

Process Improvement at Sjogren Industries
Gabriel Comenzo, Michael Souza
Advisor: Sharon Johnson
Sponsor: Sjogren Industries

Redesigning the Worcester Red Sox’s Enterprise Mobile Application
Qui Nguyen, Kara O’Neil, Bridget Redgate
Advisors: Robert Sarnie, Sara Saberi, Wilson Wong (CS)
Sponsor: Worcester Red Sox

Sustaining Agriculture through Social Networks in Central Massachusetts
Jeffrey Compere, Abraham Koffman
Advisors: Michael Elmes, Laureen Elgert (SSPS)

The Role of The Quorum Café on the WPI Campus
Calisto Betti, Kell Carlisle, Livia Thomollari
Advisors: Purvi Shah, Sharon Johnson, Oleg Pavlov (SSPS)
Sponsor: The Quorum Café

Third Party Aggregator Development for FDX API Integration at Citizens Bank
Chelsea Chang, Kevin Inger, Jonathan Metcalf, Jack Sullivan
Advisors: Robert Sarnie, Wilson Wong (CS)
Sponsor: Citizens Bank

Utilizing Waste to Provide an Economically Viable Alternative to Roofing in Accra, Ghana
Jackson Baker, Michael Morin
Advisors: Debora Jackson, Walter Towner, Mustapha Fofana (ME), Robert Krueger (SSPS)
Sponsor: Academic City University

Worcester IS Fab Lab MQP Blockchain and Machine Learning Report
Joshua DeBare, Mabel Konadu, Kelsey Moody, Cameron Morreale, Qingbei Shang
Advisors: Robert Sarnie, Marcel Blais (MA), Wilson Wong (CS)
Sponsor: FAB Lab for Social Good