Tecnológico de Monterrey

Web Page:	https://studyinmexico.tec.mx/
Contact Information:	studyinmexico@itesm.mx

Undergraduate Research Program

Project Name	A novel Decision Support System for Portfolio Management with a Criterion for Ruling out Not Convenient Stocks
Campus & Location in Mexico	Monterrey
Faculty	Business
Research Area	Finance and Macroeconomics
Research Responsible	Raymundo Díaz Robles
Description of the Project	We report the results of assessing a novel Decision Support System to invest in the stock market. The system addresses the three main aspects of stock portfolio management: price forecasting, stock selection and portfolio optimization. An artificial neural network and fundamental analysis are used
Training Provided	Academic manuscript development;Article publication;Preparation of specialized papers
Modality	Virtual
Offered During	Semester

Student

Tasks/Responsibilities	Programing with R studio, Matlab, Java
Required Language Proficiency	English (Advanced)
Required Skills and Abilities	R studio, Matlab, artificial neural network and fundamental analysis , genetic algorithms and statistical analysis
Other Documents Required to APPLY for an Internship	1) Being at least in your 2nd year of bachelor 2) Accumulative grade point average (GPA) 2.5 3) Official Transcript 4) 2 letters of recommendation of faculty members 5) Resume 6) Letter of intention explaining the reason why you would like to participate in the research program