## Industrial Engineering & Operations Research

## BEYOND COLUMBIA

Studying Industrial Engineering & Operations Research prepares me to . . .

Apply knowledge of mathematics, science, and engineering

Design and conduct experiments, analyze and interpret data

Analyze complex concepts and situations

Assess practical situations and problems, formulate models of the problems represented, design potential solutions, and evaluate their impact

Design a system, component, or process to meet desired needs within realistic constraints

Collaborate on multidisciplinary teams

Communicate solutions and recommendations effectively through written, oral, and electronic presentations

Understand ethical issues and professional and managerial responsibilities

Identify, formulate, and solve engineering problems

Learn about the undergraduate IEOR program: ieor.columbia.edu

Career Education

## What are recent alumni doing?

A sample of places where department alumni started their careers.

JOB TITLE	ORGANIZATION	INDUSTRY
Investment Banker	Goldman Sachs	Investment Banking
Data Engineer	Mapfit	Technology
Data Analyst	applecart	Political Analytics
Risk Associate	Prudential	Investment Management
Implementation Specialist	BLACKA MOUNTAIN	Technology
Operations & Logistics	Uber	Transportation
Coordinator	AMERICAN FLAG FLAG FORMA	Sports & Leisure
Head of R & D	CROSSIX	Technical Consulting
Marketing Data Analyst	IBM	Hardware
Consultant	Keurig DrPepper	Food & Beverage
Cost Engineer	Memorial State Reterring	Healthcare
Project Coordinator	[A] ALLIANCEBERNSTEIN	Investment Management
Multi-Asset Associate	Lenovo	Hardware

## **Graduate School**

Recent alumni entered MS, JD, and PhD programs at . . .







HARVARD UNIVERSITY



The University of Texas at Austin

